

Appendix C:

NTA Table

Near-Term Action Table – July 2, 2012

STRATEGY	#	SUB-STRATEGY	NTA #	NTA	PERFORMANCE MEASURE	NTA TYPE	OWNER	SECONDARY OWNER	OWNER (3)	OWNER (4)
A	1.1	Identify and prioritize areas for protection, restoration, and best suitable for (low impact) development.	1	<u>Apply Watershed Characterization Results.</u> By 2012, Ecology, in collaboration with Commerce, will support local and regional entities' use of the PSBC results by creating easy web access to the information and an interagency Watershed Technical Assistance Team and by 2013, The Watershed Technical Assistance Team, managed by Ecology, will develop draft solution templates and a decision-support framework which will guide watershed planning and land use decisions by local governments. Development will occur in coordination with Commerce, DFW, DNR, and local government representatives.	By 2012 PSBC data is available to all local governments and team established. By 2013, status of standard development and status of decision making framework. (Measure dates to be confirmed)	soundwide	Ecology	Commerce		
A	1.1	Identify and prioritize areas for protection, restoration, and best suitable for (low impact) development.	2	<u>Web-Based Data Tool to Support Land Use Decisions.</u> By December 2012, the Puget Sound Institute will work with the Puget Sound Partnership and other state, federal, Tribes, local, and academic partners to develop a web-based tool to improve and support spatial landscape data collection, sharing, and analysis to improve the ability of agencies to make land use decisions based on watershed assessments and other local characterizations.	Web-based tool completed by Dec 2012	soundwide	PSI			
A	1.1	Identify and prioritize areas for protection, restoration, and best suitable for (low impact) development.	WS 1	<u>West Sound Inventory of Transportation Infrastructure Projects.</u> By January 2013, the West Sound Watersheds Council and West Sound LIO will develop a process for the review of transportation infrastructure projects that addresses environmental impacts and key fish passage barriers.	Identify process for the review of transportation infrastructure projects that addresses environmental impacts and key fish passage barriers by January 2013.	local	West Sound Watersheds Council	West Sound LIO		
A	1.2	Support local governments to adopt and implement plans, regulations, and policies consistent with protection and recovery targets, and incorporate climate change forecasts.	1	<u>Land Use Planning Barriers, BMPs and Example Policies.</u> By December 2012, Ecology and Commerce, working with local governments, will identify the primary barriers to incorporating policies consistent with implementation of the Action Agenda into local land use planning and decisions and identify best practices and assistance needed to overcome these barriers. This will address implementation of protection strategies, encouraging compact growth patterns, increased density, water quality standards, redevelopment, and rural lands protection. By December 2012, Ecology and Commerce will distribute example growth policies that include best practices that are consistent with protection and recovery targets and the Growth Management and Shoreline Management Acts.	Example growth policies distributed or not; extent to which local land use planning and decision making is consistent with the Action Agenda	soundwide	Ecology	Commerce		
A	1.2	Support local governments to adopt and implement plans, regulations, and policies consistent with protection and recovery targets, and incorporate climate change forecasts.	2	<u>Financial Support for GMA updates.</u> Commerce will coordinate broad partner discussion of ways to promote state financial support for local governments for GMA comprehensive plan updates, implementation, training, and education. A proposal for financial support will be developed by December 2012 for discussion by the 2013 legislature.	A proposal for financial support for local governments for plan and regulatory updates, implementation, training, and education will be completed by December 2012 with a goal of adoption by June 2013.	soundwide	Commerce			
A	1.3	Improve, strengthen, and streamline implementation and enforcement of laws,	1	<u>ECB Address Regulatory Exemptions. The ECB will address regulatory exemptions to provide effective oversight and mitigation sequencing for activities that impact the ecosystem (e.g., HPA and SMA). No near-term actions. Work is focused on implementation of</u>	<u>By December 2013, deliver recommended changes to current regulation to the ECB.</u>	soundwide	ECB			

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		plans, regulations, and permits consistent with protection and recovery targets.		ongoing programs.						
A	1.3	<u>Improve, strengthen, and streamline implementation and enforcement of laws, plans, regulations, and permits consistent with protection and recovery targets.</u>	1	<u>WRIA 16/14b Funding.</u> Ongoing funding for implementation of the <u>WRIA 16/14b Watershed Plan and Detailed Implementation plan.</u>	<u>WRIA 16/14b will continue to implement prioritized actions from the Detailed Implementation Plan.</u>	<u>soundwide</u>	<u>WRIA 16/14b</u>			
A	1.4	Ensure full, effective compensatory mitigation for impacts that cannot be avoided.	HC 2	<u>HCCC In Lieu Fee Mitigation.</u> HCCC, in coordination with the US Navy and other partners, will complete the In Lieu Fee (ILF) Mitigation Program by June 30, 2012. HCCC, working with its partners in this process will be in position to implement high priority actions from the ILF for 2013 and beyond.	Complete ILF Mitigation Program by June 2012. HCCC, working with its partners in this process will be in position to implement high priority actions from the ILF for 2013 and beyond.	local	HCCC	US Navy		
A	2.1	Protect and conserve ecologically important lands at risk of conversion.	1	<u>Community Forestry Conservation Act.</u> DNR will work with Congress to encourage passage of the Community Forestry Conservation Act (HR 1982 and S 1105 of the 112th Congress), which would enable non-profit conservation organizations to use bonds to purchase private working forests for long-term environmental and economic sustainable management by 2013.	DNR seeks passage by December 2013	soundwide	DNR			
A	2.1	Protect and conserve ecologically important lands at risk of conversion.	2	<u>Updated Avoidance and Minimization Guidance.</u> Ecology will reinforce the importance of avoiding and minimizing impacts to wetlands, particularly those with high ecological value and that are difficult to replace, by developing and implementing updated avoidance and minimization guidance.	Guidance complete or not	soundwide	Ecology			
A	2.1	Protect and conserve ecologically important lands at risk of conversion.	3	<u>Port Gamble Land Conservation:</u> Fonterra, working in collaboration with Kitsap County, the Port Gamble S'Klallam Tribe, and the Suquamish Tribe, will coordinate funding and participation to secure the conservation of ~7,000 acres of land near Port Gamble, including ~2 miles of shoreline by March 2013.	By August 2012, apply for state and federal funding. By March 2013, exercise option agreement.	soundwide	Fonterra			
A	2.1	Protect and conserve ecologically important lands at risk of conversion.	4	<u>Funding Mechanism for Properties at Imminent Risk of Conversion.</u> PSP will work with the ECB funding committee to consider the development of a funding mechanism to rapidly acquire properties with high ecological value and imminent risk of conversion by 2013	Discuss the issue with the ECB funding subcommittee by December 2012 and determine if a proposal should be developed. If a proposal is to be developed, new measures would be developed by February 2014	soundwide	PSP	ECB		
A	2.2	Implement and maintain priority freshwater and terrestrial restoration projects.	1	<u>Prairie and Oak Woodland Restoration.</u> WDFW in consultation with DNR, USFWS and Joint Base Lewis McCord, will implement priority prairie and oak woodlands restoration projects.	Number of priority projects implemented Milestones: Maintain a prioritized list of restoration activities. Work with South Sound partners to fund the restoration activities. Update list with completed action items.	soundwide	WDFW	DNR	USFWS	
A	2.2	Implement and maintain priority freshwater and terrestrial restoration projects.	WS 12	<u>West Sound Priority Watersheds for Protection and Restoration.</u> By February 2013, the Suquamish Tribe will develop a detailed protection and restoration plan for the upper Chico Creek watershed. By December 2013, the Tribe will seek funding to undertake similar work for the high priority, refugia Curley and	By February 2013, protection and restoration plan for the Upper Chico Creek watershed, By December 2013, funding in place for plans for Curley and Blackjack Creek watersheds.	local	Suquamish Tribe			

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				Blackjack Creek watersheds.						
A	2.3	Implement restoration projects in urban and developed areas while accommodating growth, density, and infill development.		No near-term actions. Work is focused on implementation of ongoing programs.						
A	3.1	Use integrated market-based programs, incentives, and ecosystem markets to steward and conserve private forest and agricultural lands.	1	<u>Use of Agriculture Conservation Program Funds.</u> By December 2013, the Conservation Commission will enhance use of conservation and habitat restoration program funding from a variety of sources, (i.e., CREP and EQUIP) that are currently underused by and not tailored for western Washington growers.	By August 15, 2012, the Commission will work with conservation districts to enhance the use of the Commission's Conservation Practice Data System (CPDS) for project identification. By Sept 30, 2012, 12 Puget Sound districts will enter data into the CPDS system (increase of 5 from present) and identify projects that, when implemented, will address threats to Puget Sound. By December 2013, there will be a 50 percent increase in the use of the CPDS to link projects to funding sources. By June 2013, the Commission will work with conservation districts, Ecology, federal agencies and others to identify opportunities for improvements to agriculture conservation program funding.	soundwide	WSCC			
A	3.1	Use integrated market-based programs, incentives, and ecosystem markets to steward and conserve private forest and agricultural lands.	2	<u>Landowner Incentives for TDRs and Ecosystem Markets.</u> Ecology and Commerce, in coordination with DNR and the State Conservation Commission, will provide technical support and fund local projects to identify and implement landowner incentives, including TDRs and ecosystem services markets.	Amount of technical support and local funding provided.	soundwide	Ecology	Commerce	DNR	WSCC
A	3.1	Use integrated market-based programs, incentives, and ecosystem markets to steward and conserve private forest and agricultural lands.	3	<u>Forest Watershed Services.</u> DNR will support pilot market transactions for delivery of watershed services from private forest landowners to downstream water beneficiaries in at least the Snohomish and Nisqually watersheds.	Two pilot transactions completed by December 2012	soundwide	DNR			
A	3.2	Retain economically viable working forests and farms.	1	<u>Working Forest Strategy:</u> DNR will lead a collaborative process to develop a comprehensive strategy for retaining economically viable, long-term working forestlands.	Initiate collaborative strategy by October 2013	soundwide	DNR			
A	3.2	Retain economically viable working forests and farms.	2	<u>Agriculture Strategy.</u> PSP, in collaboration with WSDA, Ecology, the Conservation Commission, and agricultural partners will develop a Puget Sound agricultural strategy by December 2013. This strategy will identify needs for maintaining the health of the industry, and key areas where the agricultural industry can contribute to the protection and restoration of Puget Sound. It will be included in the 2013 Action Agenda.	Convene an advisory committee and agree on scope and approach by September 2012; convene at least 3 workshops to solicit information from agricultural partners by March 2013 (north Puget Sound, south Puget Sound, peninsula), produce a draft strategy by July 2013 for inclusion in the 2013 draft Action Agenda; review the strategy with the Action Agenda and in at least three additional workshops with agricultural partners in October	soundwide	PSP	WSDA	Ecology	WSCC

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					2013. Include the final agriculture strategy in the 2013 Action Agenda update.					
A	4.1	Integrate growth, infrastructure, transportation, and conservation planning at sub-regional levels and across jurisdictions.	1	<u>Regional Sustainable Communities Program</u> : Commerce will develop a Soundwide program to undertake integrated regional planning that will guide state and local investments in ecosystem protection, land use, transportation and housing, similar to the federal sustainable communities program. Draft scoping document will be completed by January 2013 for discussion with the Leadership Council to advance for decision making.	Commerce will deliver a proposed program scope to Puget Sound Partnership by January 2013. Based on the scoping document and discussions with the Leadership Council, Commerce will develop additional milestones to advance the program by February 2013.	soundwide	Commerce			
A	4.2	Provide infrastructure and incentives to accommodate new and re-development within urban growth areas.		No near-term actions. Work is focused on implementation of ongoing programs.						
A	4.3	Enhance and expand the benefits of living in compact communities.		No near-term actions. Work is focused on implementation of ongoing programs.						
A	5.1	Improve data and information to accelerate floodplain protection, restoration, and flood hazard management.	1	<u>Floodplain Protection and Policy Team Actions. PSP will advance floodplain protection and restoration by facilitating actions, policy changes, and program changes necessary to reduce critical barriers to habitat protection and restoration. Funding will be focused on the places that have the greatest potential to recover floodplain functions. PSP will advance floodplain protection and restoration by facilitating actions, policy changes, and program changes necessary to meet the floodplain recovery target by June 2013.</u>	By December 2012, PSP convenes a Puget Sound Floodplain Protection and Recovery Policy Team to establish a working definition of 'floodplain' and 'floodplain function' in the context of the 2020 floodplains recovery target; By December 2012, work with local levee owners to identify the barriers to implementing levee setbacks and habitat friendly levee management practices and work with key parties to address barriers; By June 2013, identify the policy and program changes of federal, state and local flood risk management, flood mitigation and ecosystem protection and restoration programs to foster multi-objective floodplain management. By June 2013, identify floodplain areas; prioritize those most important for protection, restoration, farmland preservation or other compatible and non-compatible uses; and identify the implementation steps needed to protect functioning floodplain areas. By June 2013, draft an action plan to address the programs and target programmatic recommendations for legislative change, rule amendments, and administrative changes, needed to achieve the floodplains pressure reduction target using the results in the July 2010 "Floodplain Management: A Synthesis of Issues Affecting Recovery of Puget Sound" report, the report developed in A5.1 NTA 2, and other relevant and timely information.	soundwide	PSP			
A	5.2	Align policies,		No near-term actions. Work is focused on implementation of						

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		regulations, planning, and agency coordination to support multi-benefit floodplain management, incorporating climate change forecasts.		ongoing programs.						
A	5.3	Protect and maintain intact and functional floodplains.	1	<u>FEMA Annual Reporting for NFIP BiOp</u> . By 2012, FEMA will complete augmented annual reporting requirements relative to the obligations of the 122 communities in Puget Sound to abide by the NMFS NFIP BiOp, including policy sufficiency, implementation effectiveness, and on-the-ground implementation effectiveness.	(Status of FEMA reporting requirements) By 2012, FEMA reporting requirements are complete.	soundwide	FEMA			
A	5.3	Protect and maintain intact and functional floodplains.	2	<u>CAO Updates on Frequently Flooded Areas</u> . By 2013, Ecology, Commerce, and other interested state agencies will develop a strategy for and lead effective state engagement with local governments in the next round of CAO updates on frequently flooded areas.	To be determined	soundwide	Ecology	Commerce		
A	5.3	Protect and maintain intact and functional floodplains.	3	<u>BiOp Compliance and Floodplain Target</u> . By 2013, PSP will evaluate how BiOp compliance contributes to achieving the Floodplains target by December 2013. This includes policy analysis of jurisdictional compliance, development that has occurred since the BiOp, and recommendations for next steps.	By 2013, evaluation is complete.	soundwide	PSP			
A	5.3	<u>Protect and maintain intact and functional floodplains.</u>	4	<u>PSP will continue to work with the Army Corps of Engineers to craft a regional variance to their vegetation on levees policy.</u>	<u>By June 2013, new language for regional variance developed and adopted.</u>	<u>soundwide</u>	<u>PSP</u>	<u>USACE</u>		
A	5.4	Implement and maintain priority floodplain restoration projects.	1	<u>Prioritization of State Highways with Floodplain Impacts</u> . WSDOT will identify and prioritize the state highway facilities (approximately 500 structures and 185 miles of highway) that have the biggest impacts on floodplain function and connectivity, including consideration of WSDOT's 2011 Climate Impacts Vulnerability Assessment Report, by December 2014 (or 18 months after funding is obtained)	By June 2013, obtain funding for the analysis. Complete the analysis and present the results to the Ecosystem Coordination Board and Leadership Council by December 2014. By February 2015, identify future actions and performance measures for integrating the prioritization work into the WSDOT decision-making process for repair and replacement projects.	soundwide	WDSOT			
A	5.4	Implement and maintain priority floodplain restoration projects.	2	<u>Ag Land Ecosystem Services Markets</u> . By December 2013, the State Conservation Commission, working with Conservation Districts and Watershed Groups and counties will have three pilot projects underway that demonstrate ecosystem services markets associated with flood hazard prevention and agricultural lands in floodplains	By November 2012, WSCC will have convened discussions and identified candidate areas; By December 2013, three pilot projects demonstrating ecosystem service markets for floodplains are in place.	soundwide	WSCC			
A	5.4	Implement and maintain priority floodplain restoration projects.	3	<u>Candidate Areas for Land Swaps</u> . The State Conservation Commission will work with conservation districts, agricultural community, watershed planning groups, and local jurisdictions to use the outputs from the characterization work (A5.1 NTA 1) to identify potential land swaps (i.e., county land use and conservation districts) and identify candidate areas available to expand for agriculture outside of priority floodplain areas by June 2013.	By December 2012, the Commission will convene interested parties in at least two organizing meetings to identify candidate areas. By June 2013, potential land swaps will be identified in five candidate areas available to expand for agriculture.	soundwide	WSCC			
A	6.1	Implement high priority projects identified in	1	<u>Secure Annual Chinook Investment</u> . PSP, in collaboration with the Salmon Recovery Council, will secure the annual investment as	By December 2013, the \$120 million as estimated in 2005 is in place from a variety of	soundwide	PSP			

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		each salmon recovery watershed's three-year work plan.		required to fully implement the approved Puget Sound Chinook Salmon Recovery Plan, and work to align that funding in support of the highest priority protection and restoration projects as identified by salmon recovery lead entities. This investment strategy will be developed as part of the overall Puget Sound recovery funding strategy.	federal, state, local and private sources. By January 2014, update the estimate needed to implement the plan and make the related administrative changes to the NOAA approved recovery plan, and adjust the performance measure to reflect the estimate. Obtain the new annual investment by December 2014.					
A	6.1	Implement high priority projects identified in each salmon recovery watershed's three-year work plan.	2	<u>Restoration Permit Barriers</u> . By June 2014 identify and address barriers to faster permitting of salmon recovery restoration projects so that the majority of restoration projects can begin construction within one year of completing design and securing funding. By September of 2012 PSP will initiate this process and identify a lead and next steps.	By September 2012, PSP identifies a lead and by December 2012, works with that lead to complete a scope of work; By June 2013, at least three major barriers and ways to address them have been identified. By December 2013, steps to address the barriers are in place.	soundwide	PSP			
A	6.1	Implement high priority projects identified in each salmon recovery watershed's three-year work plan.	3	<u>BNSF Railroad Cooperative Agreement</u> . By December 2013, PSP, in collaboration with the Salmon Recovery Council, will develop a cooperative agreement with Burlington Northern Santa Fe Railroad to enable the implementation of high priority salmon recovery projects that intersect with the railroad right of way.	Convene a workshop with salmon recovery, other ecosystem recovery project implementers, and PSNERP to document progress to date with BNSF and identify next steps to develop an agreement by December 2012. Initial agreement framework with BNSF completed by June 2013. Cooperative agreement in place by December 2013.	soundwide	PSP			
A	6.1	Implement high priority projects identified in each salmon recovery watershed's three-year work plan.	SJI 9	<u>San Juan County Lead Entity</u> . San Juan County Lead Entity for Salmon Recovery will target funding to highest Tier I salmon recovery projects between 2012-2014, as listed in the San Juan Salmon Recovery three-year work plan for WRIA 2. Projects include acquisition and conservation easements, protection and restoration actions	To be determined	local	SJC Lead Entity for Salmon Recovery			
A	6.1	Implement high priority projects identified in each salmon recovery watershed's three-year work plan.	STRT 1	<u>Elwha River Ecosystem Recovery</u> . Implement Elwha River Ecosystem Recovery Efforts and associated projects a. Stock preservation and weir operation b. Monitoring (adults, juveniles, smolts) c. Habitat restoration projects	Continuous weir operation and monitoring of salmonids (adults, juveniles, and smolts) on the Elwha River	local	Elwha Fish Committee			
A	6.1	Implement high priority projects identified in each salmon recovery watershed's three-year work plan.	STRT 2	<u>Straits Salmon Recovery Plans</u> : Implement N. Olympic Peninsula Lead Entity (NOPL) for Salmon and Hood Canal Coordinating Councils Lead Entity (HCCC-LE) 3-year Work Plans a. North Olympic Peninsula Lead Entity (NOPL) 3-year Work Plan b. NOPL Elwha revegetation project c. NOPL Dungeness River floodplain restoration, Phase II d. NOPL Elwha Engineered Log Jams e. Hood Canal Coordinating Council (HCCC) LE 3-year Work Plan f. HCCC LE Snow Creek and Salmon Creek estuary restoration	Initiate or significantly advance all of the four specific Priority Actions identified by the Strait ERN for the Strait Action Area	local	North Olympic Peninsula Lead Entity, Hood Canal Lead Entity			
A	6.1	Implement high priority projects identified in each salmon recovery watershed's three-year work plan.	HC 6	<u>Hood Canal Salmon Recovery</u> . Hood Canal Coordinating Council Lead Entity for salmon recovery will target funding to highest Tier I salmon recovery projects between 2012-2014, as listed in the Hood Canal Three Year Work Plan. Projects include acquisition, protection, and restoration actions.	To be determined	local	HCCC Lead Entity			
A	6.1	Implement high priority projects identified in each salmon recovery watershed's three-year work plan.	WS 9	<u>West Sound SR3 Chico Creek culvert replacement</u> . By December 2013, the West Sound LIO, in coordination with Washington Department of Transportation, will develop a funding strategy and	By December 2013, funding strategy and schedule completed.	local	West Sound LIO	WSDOT		

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		watershed's three-year work plan.		schedule for replacing the SR3 culvert with a bridge on Chico Creek.						
A	6.2	Implement the high priority salmon recovery actions identified in other parts of the Action Agenda and the Biennial Science Work Plan.	1	<u>Implement the Puget Sound Federal Agency Action Plan. Federal agencies with authorities in Puget Sound will work to implement and account for actions listed in the federal agency action plan and matrix to protect and restore habitat and respond to the concerns raised by treaty tribes in western Washington. No near-term actions. Work is focused on implementation of ongoing programs.</u>	<u>By December 2012, EPA will work with Puget Sound Federal Caucus agencies to identify priority activities from the federal action plan and matrix which can be achieved in the near term and develop a tool for tracking and reporting on the progress of these actions. Work will also continue on all activities identified in the matrix.</u>	soundwide	EPA			
A	6.3	Implement harvest, hatchery, and adaptive management elements of salmon recovery.	1	<u>Implementation of Hatchery Actions.</u> WDFW and the tribes, in coordination with NOAA Fisheries, will advance implementation of hatchery actions by completing and approving Hatchery Genetic Management Plans by December 2013.	By August 2012, co-managers (Tribes and WDFW) complete Hatchery Genetic Management plans (HGMPs) for at least the first ten key Puget Sound hatchery programs and submit them to NOAA Fisheries; By April 2013, NOAA-Fisheries issues permits for at least the first ten key HGMPs; By December 2012, Co-managers complete and submit the balance of the HGMPs to NOAA-Fisheries; By December 2013, NOAA issues hatchery permits for updated Hatchery Genetic Management Plans	soundwide	WDFW and Tribes as co-managers	Tribes		
A	6.3	Implement harvest, hatchery, and adaptive management elements of salmon recovery.	2	<u>Salmon Recovery Monitoring and Adaptive Management Plans.</u> PSP, in coordination with the Puget Sound Recovery Council and the Puget Sound Regional Implementation Technical Team (RITT), will facilitate and support salmon recovery watershed groups to complete and implement monitoring and adaptive management plans for each Puget Sound Salmon Recovery watershed chapters by June 2014. This is a condition of the approved Chinook Recovery Plan to improve the quality and success of plan implementation.	<u>Monitoring and adaptive management plans for three watersheds by March 2013; implementation performance measures for these three watersheds by June 2013; Monitoring and adaptive management plans for remaining eleven watersheds by July 2014; Implementation performance measures for these eleven watersheds by September 2014. All fourteen watersheds will be complete with steps 1 and 2 of the RITT Framework (Step 1: Modify the generic portfolio of elements (common framework) based on individual watershed chapter; Step 2: Develop conceptual model for watershed chapter by Dec 2012. Three monitoring adaptive management plans completed by December 2012, 5 more completed by December 2013, and 6 more completed by July 2014. Within two months of completing each plan, implementation performance measures will be identified.</u>	soundwide	PSP			
A	6.4	Protect and recover steelhead and other imperiled salmonid species.	1	<u>Steelhead Population Identify Report and Viability Criteria.</u> By July 2012, NOAA via the Puget Sound Steelhead Technical Recovery Team will finalize a population identification report and viability criteria for steelhead populations within the Puget Sound Steelhead Distinct Population Segment.	Steelhead population and identification report and viability criteria completed by July 2012.	soundwide	NOAA			
A	6.4	Protect and recover steelhead and other imperiled salmonid	2	<u>Steelhead Recovery Plan.</u> Complete development process for a Puget Sound steelhead recovery plan by 2015. PSP will assist and facilitate the Puget Sound Salmon Recovery Council in the initial	PSP to convene meetings to identify steelhead recovery plan lead, plan costs and funding by October 2012, RFP out to draft chapters for	soundwide	PSP	SRC		

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		species.		steps needed in order to submit a draft Puget Sound steelhead recovery plan to NOAA for federal review by December 2014. These plans will be inclusive and integrated and will look at various implementation actions to achieve recovery, including actions like the designation of Wild Steelhead Management Zones where consistent with the objectives identified in the watershed specific recovery plans. WDFW and the tribes, by agreement of the co-managers, will work to establish 3 streams (one in each Technical Recovery Team identified Major Population Group) where no juvenile hatchery steelhead would be released, no recreational fisheries for steelhead would occur, and habitat protection and restoration actions would be accelerated. This early steelhead recovery action would consider information already compiled for the Steelhead Recovery Plan that is under development.	populations by December 2012, Chapters for 2-5 populations completed by July 2013, and remaining chapters drafted by July 2014 with Plan submitted to NOAA by December 2014.					
A	6.4	Protect and recover steelhead and other imperiled salmonid species.	WS 11	<u>West Sound Steelhead Recovery Chapter</u> . By July 2013, the West Sound Watersheds Council will develop a local chapter of a Steelhead Recovery Plan. The Council will propose a budget and implementation strategy for its local chapter of the Recovery Plan by December 2013.	Local chapter developed by July 2013, budget and implementation strategy for local chapter by December 2013.	local	West Sound Watersheds Council			
A	6.5	Maintain and enhance the community infrastructure that supports salmon recovery.	1	<u>Lead Entity and Partner Funding Strategy</u> . By December 2012, PSP in collaboration with the Salmon Recovery Council and RCO, will identify a funding strategy and approach to support salmon recovery lead entities and the associated partner programs essential to implementing the salmon and steelhead recovery.	Strategy and approach completed by December 2012	soundwide	PSP			
A	7.1	Update Puget Sound instream flow rules to encourage conservation	1	<u>Set Instream Flows in Priority Watersheds</u> . Ecology, with support from DFW, will by 2020 set flow rules in the remaining priority Puget Sound watersheds that currently do not have instream flow rules: 1) Dungeness River portion of WRIA 18 (currently in progress – to be completed by 2013); 2) WRIA 16; 3) The western portion of WRIA 17 (Sequim Bay watershed); and 4) The western portion of WRIA 18 (Elwha-Morse watershed planning area). Priority will be given to critical basins or those with known significant problems meeting instream or out-of-stream demands. Note that including the Elwha River in an instream flow rule may be delayed because of the need to develop a method to determine and set instream flows in the Elwha after dam removal and river stabilization.	Done or not	soundwide	Ecology	WDFW		
A	7.1	Update Puget Sound instream flow rules to encourage conservation.	2	<u>PEP Development and Implementation</u> . Ecology will develop and implement the comprehensive basin flow protection and enhancement programs (PEP) called for in the recovery plans for Puget Sound Chinook and Hood Canal/Strait of Juan de Fuca summer Chum. By 2014 Ecology will identify near-term flow recovery targets and initiate a PEP program for a high priority watershed.	Done or not	soundwide	Ecology			
A	7.1	Update Puget Sound instream flow rules to encourage conservation.	3	<u>Water Code Compliance and Enforcement</u> . Ecology will establish a strong program for Puget Sound watersheds to increase water code compliance and enforcement. This program will include the creation of Ecology “compliance officer” staff positions. These positions would be similar to “water masters” used in other parts of the state, but also different because of the absence of adjudication	Done or not	soundwide	Ecology			

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				and increased focus on mitigation strategies. By 2013, Ecology will develop a program plan to meet this goal. This plan will include identifying funding sources, a schedule, duties, and geographic jurisdiction for compliance officers, who will be local contacts to water users, provide a local compliance presence, protect the resource, support mitigation, reduce water use, and protect senior water rights, including instream flows.						
A	7.1	Update Puget Sound instream flow rules to encourage conservation.	STRT 6	<u>Strait Instream Flow Rules</u> . Adopt and/or implement Instream Flow Rules for Water Resource Inventory Areas (WRIAs) 17, 18 East, 18 West, and 19 a. Adopt and implement Dungeness Instream Flow and Water Management Rule b. WRIA 18 East stream flow improvements c. Implement WRIA 17 Instream Flow and Water Management Rule d. Adopt Instream Flow Rules for WRIA 18 West e. Adopt Instream Flow Rules for WRIA 19	Initiate or complete 66% of the Priority Actions identified by the Strait ERN for the Strait Action Area	local	Ecology			
A	7.2	Decrease the amount of water withdrawn or diverted and per capita water use.		No near-term actions. Work is focused on implementation of ongoing programs.						
A	7.3	Implement effective management programs for groundwater.	1	<u>Exempt Wells</u> . Ecology will work with Tribal Nations, local governments, and other partners to develop and support a consistent approach to making decisions about exempt wells, and to ensure that both the physical and legal availability of water is considered in decisions. This will include workshops on exempt well issues to be completed by 2013.	Done or not	soundwide	Ecology			
B	1.1	Use complete, accurate, and recent information in shoreline planning and decision making at the site-specific and regional levels.	1	<u>Integrated Nearshore Priorities</u> . PSP will lead the integration of existing science-based, geographic priorities for nearshore protection, restoration, enhancement and managed growth by July 2014. This includes identifying areas where local inventories and sediment supply priorities overlap with high-value areas for salmon, shellfish, and other natural resources at the drift-cell scale. The outcome of this effort will be agreed upon maps or other documents showing the science-based priorities for protection, restoration, enhancement, and managed growth at a drift cell (or below) scale, as well as outreach to implementers to consider this information as part of prioritization efforts including capital projects.	By December 2012, PSP will convene an interagency workgroup and complete scoping for the technical work of integration; Data integration work complete by August 2013 and quality control checks and revisions by December 2013. The integrated product, including data and maps, are presented to all salmon recovery watersheds, LIOs and local governments by June 2014.	soundwide	PSP			
B	1.1	Use complete, accurate, and recent information in shoreline planning and decision making at the site-specific and regional levels.	2	<u>Human Use Patterns in Marine Areas</u> . Ecology will identify human use patterns for marine areas in Puget Sound by 2013, to support marine spatial planning.	Human-use mapping completed by June 30, 2013.	soundwide	Ecology			
B	1.1	Use complete, accurate, and recent information in shoreline planning and decision making at the site-specific and	WS 3	<u>West Sound Eelgrass and Forage Fish Surveys</u> . By 2013, The West Sound Watersheds Council, in coordination with the Suquamish Tribe and others, will develop and implement periodic surveys of eelgrass and forage fish spawning habitat under a scientifically rigorous methodology, and update spawning habitat maps	To be determined	local	West Sound Watersheds Council	Suquamish Tribe		

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STRATEGY	#	SUB-STRATEGY	NTA #	NTA	PERFORMANCE MEASURE	NTA TYPE	OWNER	SECONDARY OWNER	OWNER (3)	OWNER (4)
		regional levels.								
B	1.2	Support local governments to adopt and implement plans, regulations, and policies that protect the marine nearshore and estuaries, and incorporate climate change forecasts.	1	<u>Update Local Shoreline Master Programs.</u> Ecology will provide funding and, with WDFW, technical assistance to local jurisdictions to update local shoreline master programs by current deadlines, with all updates complete by 2014. A key deliverable for Ecology and local governments is to implement SMPs in a manner that validates achievement of no net loss of ecological function and guides Puget Sound toward shoreline armoring target.	To be determined	soundwide	Ecology	WDFW		
B	1.2	Support local governments to adopt and implement plans, regulations, and policies that protect the marine nearshore and estuaries, and incorporate climate change forecasts.	STRT 4	<u>Straits Shoreline Master Programs.</u> Shoreline Master Program Updates, Implementation, and Intergovernmental Coordination (Jefferson County, Clallam County and cities of Port Townsend, Sequim, and Port Angeles) a. City of Port Townsend SMP – stormwater education b. City of Port Townsend SMP – bulkhead removal c. City of Port Townsend SMP – restore native marine riparian vegetation d. City of Port Angeles SMP Update e. City of Sequim SPM Update f. Jefferson County SMP – Annual Restoration Planning Summit g. Jefferson County SMP – Assess shoreline restoration progress h. Jefferson County SMP – Identify and implement shoreline armoring, riparian enhancement, fill removal and culvert replacement projects i. Jefferson County SMP update j. Clallam County SMP implementation k. Clallam County SMP adaptive management l. Clallam County SMP update m. Ecosystem valuation n. Enhanced shoreline protection o. Finfish aquaculture speaker forum	Recommended Option: Develop the economic baseline (Ecosystem Valuation) for the ecosystem functions that will be monitored by the No Net Loss indicators for all 5 local jurisdictions within the Strait Action Area; Alternative Option: Initiate or complete 30% of the new Priority Actions identified by the Strait ERN for the Strait Action Area	local	Strait ERN			
B	1.2	Support local governments to adopt and implement plans, regulations, and policies that protect the marine nearshore and estuaries, and incorporate climate change forecasts.	WS 2	<u>West Sound SMP update alternatives to shoreline armoring.</u> During the Shoreline Master Program (SMP) update process for all North Central / West Sound jurisdictions in 2012-13, the West Sound Watersheds Council will ensure that restoration plans for every SMP include alternatives to traditional shoreline armoring, and incentives for the removal of existing armoring.	The goal is for no net gain in shoreline armoring within any West Sound jurisdiction over the next two years.	local	West Sound Watersheds Council			
B	1.3	Improve, strengthen, and streamline implementation and enforcement of laws, regulations, and permits that protect the marine and nearshore ecosystems and estuaries.	1	<u>HPA Capacity Effectiveness.</u> By December 2012, WDFW will use the results of a LEAN analysis to apply existing and new HPA capacity to more effectively protect fish life.	Complete LEAN process and begin to implement recommendations by December 2012.	soundwide	WDFW			

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B	1.3	Improve, strengthen, and streamline implementation and enforcement of laws, regulations, and permits that protect the marine and nearshore ecosystems and estuaries.	2	<u>Hydraulic Code Rules Revision</u> . By December 2014, WDFW will use best available science to revise Hydraulic Code Rules (chapter 220-110 WAC) and clarify conditions under which hydraulic projects must be conducted to prevent or mitigate the impacts to fish life and habitat.	Rulemaking complete	soundwide	WDFW			
B	1.3	Improve, strengthen, and streamline implementation and enforcement of laws, regulations, and permits that protect the marine and nearshore ecosystems and estuaries.	SJI 7	<u>SJI Technical Assistance</u> . San Juan County Community Development and Planning Department (CDPD) and the Town of Friday Harbor will make ongoing technical assistance (best management practices) available on-site to 100% of permit applicants, with a goal of 75% of customers avoiding hard armoring or otherwise implementing soft armoring techniques by 2014. This work will leverage the effort underway via EPA grant funding and shoreline workshops coordinated by Friends of the San Juans, San Juan Islands Conservation District, and Washington Sea Grant.	Technical assistance (best management practices) available on-site to 100% of permit applicants, with a goal of 75% of customers avoiding hard armoring or otherwise implementing soft armoring techniques by 2014	local	SJC			
B	1.3	Improve, strengthen, and streamline implementation and enforcement of laws, regulations, and permits that protect the marine and nearshore ecosystems and estuaries.	SJI 8	<u>SJI Technical Assistance Capacity</u> . San Juan Community Development and Planning Department (CDPD) and the Town of Friday Harbor will provide capacity for technical assistance related to compliance with environmental regulations by 2013.	To be determined	local	SJC			
B	2.1	Permanently protect priority nearshore physical and ecological processes and habitat, including shorelines, migratory corridors, and vegetation particularly in sensitive areas such as eelgrass beds and bluff backed beaches.	1	Protect 10% of Bluff-Backed Beaches. PSP will promote acquisitions, easements, or other protective covenants and regulatory protections to permanently protect at least 10% of bluff-backed beaches with high sediment supply <u>or other priority nearshore habitats</u> facing potential shoreline development pressure by June 2014.	<u>By Sept 2012, identify location of bluff-backed beaches with high sediment supply and development pressure or other priority nearshore habitats facing development pressures; By December 2012, convey the location information to salmon recovery watershed groups and LIOs for consideration; By December 2012, convene at least one meeting with each watershed group and LIO; By May 2013, identify candidate locations and local projects, and incorporate into salmon recovery three year work plans if appropriate for each area. Capital projects awarded grants by March 2014. By June 2014, any new regulatory protections are in place. By August 2014, 10 % of the bluff-backed beaches with high sediment supply or priority nearshore habitats facing development pressure are protected. By September 2012, identify location of bluff-backed beaches with high sediment supply and development pressure; By December 2012, PSP conveys the location information to salmon recovery watershed groups and LIOs for</u>	soundwide	PSP			

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STRATEGY	#	SUB-STRATEGY	NTA #	NTA	PERFORMANCE MEASURE	NTA TYPE	OWNER	SECONDARY OWNER	OWNER (3)	OWNER (4)
					consideration including at least one meeting with each watershed group and LIO. By May 2013, PSP has identified candidate locations and local projects are incorporated into salmon recovery three year workplans if appropriate for each area. Capital projects awarded grants by March 2014. Any new regulatory protections in place by June 2014.					
B	2.1	Permanently protect priority nearshore physical and ecological processes and habitat, including shorelines, migratory corridors, and vegetation particularly in sensitive areas such as eelgrass beds and bluff backed beaches.	2	<u>Community Use Dock Incentives</u> . For state-owned aquatic lands, DNR, in consultation with WDFW and Ecology, will identify potential permit, economic, and social incentives for encouraging community use docks as an alternative to single family docks by July 2013.	Done or not	soundwide	DNR	WDFW	Ecology	
B	2.1	Permanently protect priority nearshore physical and ecological processes and habitat, including shorelines, migratory corridors, and vegetation particularly in sensitive areas such as eelgrass beds and bluff backed beaches.	3	<u>Overwater Structures Design Guidance</u> . DNR, in consultation with the Aquatic Habitat Guidelines Interagency Group, will publish design guidance on construction, repair and rebuilding of overwater structures to increase light by 2013.	Guidance adopted by 2013. Done or not.	soundwide	DNR			
B	2.1	Permanently protect priority nearshore physical and ecological processes and habitat, including shorelines, migratory corridors, and vegetation particularly in sensitive areas such as eelgrass beds and bluff backed beaches.	SJI 10	<u>San Juan Lead Entity Shoreline Protection</u> . San Juan County Lead Entity for Salmon Recovery will identify priority habitats for acquisition by 2013 in updates to the Salmon Recovery strategy, and will lead acquisition of, or establishment of conversation easements for 25% of priority habitat shoreline miles with willing sellers/owners by 2014.	Identify priority habitats for acquisition by 2013 in updates to the Salmon Recovery strategy, lead acquisition of, or establishment of conversation easements for 25% of priority habitat shoreline miles with willing sellers/owners by 2014.	local	SJC Lead Entity for Salmon Recovery			
B	2.2	Implement prioritized nearshore and estuary restoration projects and accelerate projects on public lands.	1	<u>Implementation of Projects Identified by PSNERP</u> . By December 2014, DFW and the Corps will advance implementation of projects identified by Puget Sound Nearshore Ecosystem Restoration Project (PSNERP), including those described in the Strategic Restoration Conceptual Engineering Final Design Report. Implementation will occur both through Corps programs as anticipated through the General Investigation process, and through other non-Corps federal, state, tribal and local programs by 2013.	Number of projects funded; number implemented; amount of various nearshore habitats restored Milestone: Final Feasibility Report for the PSNERP GI is completed by August 31, 2012, advancing projects for construction authorization through the Corps process.	soundwide	WDFW	USACE		
B	2.2	Implement prioritized nearshore and estuary restoration projects and	2	<u>State Parks Nearshore Restoration</u> . State Parks will identify opportunities to provide nearshore restoration by December 2012. Based on this assessment, State Parks will refine its performance	By December 2012, identify opportunities; By March 2013, identify numbers of projects or linear feet target; By December 2015, complete	soundwide	Parks			

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STRATEGY	#	SUB-STRATEGY	NTA #	NTA	PERFORMANCE MEASURE	NTA TYPE	OWNER	SECONDARY OWNER	OWNER (3)	OWNER (4)
		accelerate projects on public lands.		measures for this action including setting semi-annual estimates of the numbers of projects or linear feet to be restored by March 2013. By December 2015, State Parks will restore nearshore habitat identified, including removal of hard armoring at state parks.	projects.					
B	2.2	Implement prioritized nearshore and estuary restoration projects and accelerate projects on public lands.	3	<u>Prioritizing Restoration on State-Owned Aquatic Lands</u> . DNR will develop a strategy to prioritize restoration projects on state-owned aquatic lands including those within protected landscapes such as Aquatic Reserves to ensure maximum long-term benefit from habitat restoration.	DNR restoration project prioritization criteria developed by 2013 (done or not), List of near and long-term projects developed by 2014 (done or not).	soundwide	DNR			
B	2.2	Implement prioritized nearshore and estuary restoration projects and accelerate projects on public lands.	4	<u>Creosote Piling Inventory and Removal</u> . DNR will complete a derelict creosote piling inventory of Puget Sound. DNR has removed 10,000 pilings since 2007 and will remove an additional 3,000 pilings by 2017, prioritizing removals near important herring spawning beds.	Inventory completed by 2013 (done or not); 3,000 piling removed by 2017 (done or not).	soundwide	DNR			
B	2.3	Remove armoring, and use soft armoring replacement or landward setbacks when armoring fails, needs repair, is non protective, and during redevelopment.	1	<u>Homeowner Incentives for Landward Setbacks</u> . PSP will convene a process with partners to develop and recommend incentives that help homeowners permanently remove armoring and encourage setback of houses by June 2014. Incentives could include, but would not be limited to financial, regulatory, low interest loans or grants. This work will help restore nearshore processes, promote landward retreat of homes facing sea level rise, and promote progress toward shoreline armoring target.	By December 2012, identify the group and complete the scoping process including holding at least two meetings with partners; By June 2013, complete technical steps including identifying where to target the program for highest ecological value; By December 2013, identify draft possible incentive options for discussions; By June 2014, present options and recommendations to ECB and Leadership Council including miles of bulkheads that could be replaced with soft armoring or setbacks and a homeowner outreach plan.	soundwide	PSP			
B	2.4	Implement a coordinated strategy to achieve the 2020 eelgrass recovery target.	1	<u>Eelgrass Recovery Target Strategy</u> . DNR, working in collaboration with PSP, will convene partners in state and local government, Tribes, the federal agencies, BC Canada, and non-governmental and business groups to develop a broad-based strategy to achieve the 2020 eelgrass recovery target and track progress.	Strategy options identified by Dec 2012, Strategy developed by September 2014 (done or not).	soundwide	DNR	PSP		
B	2.4	Implement a coordinated strategy to achieve the 2020 eelgrass recovery target.	2	<u>Identification of Eelgrass Restoration Sites</u> . DNR will identify and recommend sites that are suitable for eelgrass restoration in Puget Sound. Sites will be selected using habitat suitability analysis, hydrodynamic modeling, and eelgrass resilience to local stressors. This will include identification of sites on state-owned aquatic lands with a focus on areas with long-term protections already in place.	Maps defining potential eelgrass restoration sites; site evaluations; final recommendations – completed by May 2014 (done or not); state aquatic land work complete by July 2014 (done or not).	soundwide	DNR			
B	3.1	Protect intact marine ecosystems particularly in sensitive areas and for sensitive species.	1	<u>Marine Protected Area Effectiveness</u> . By June 2014, PSP, in collaboration with WDFW, and DNR will identify the threats, coverage gaps, and conservation concerns addressed by existing Puget Sound marine protected areas and assess the potential effectiveness of these MPAs to protect threatened species and habitats, including rockfish and forage fish.	Produce a written summary of threats and conservation concerns addressed by current MPAs by September 2012; Complete an assessment of effectiveness and coverage gaps by September 2013. PSP delivers recommendations to managing agencies to improve overall coordination and design of MPA network by June 2014.	soundwide	PSP	WDFW	DNR	
B	3.1	Protect intact marine ecosystems particularly in sensitive areas and for sensitive species.	2	<u>Outfall Strategy on State-Owned Aquatic Lands</u> . DNR, in collaboration with Tribal Governments, Ecology, DFW, and DOH, will develop and implement a strategy to reduce impacts from outfalls on state-owned aquatic lands in Puget Sound.	Strategy development, including an implementation work plan, will be complete by December 2013	soundwide	DNR	Ecology	DFW	DOH

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STRATEGY	#	SUB-STRATEGY	NTA #	NTA	PERFORMANCE MEASURE	NTA TYPE	OWNER	SECONDARY OWNER	OWNER (3)	OWNER (4)
B	3.2	Implement and maintain priority marine restoration projects.	1	<u>Legacy Net Removal</u> : The Northwest Straits Foundation will work with WDFW, DNR, tribes, fishers and others to remove approximately 500 known remaining legacy nets in shallow sub-tidal waters by December 2013.	By December 2012, approximately 250 nets will be removed from waters of Island, San Juan, and Kitsap Counties. By August, 2013, approximately 170 nets in Whatcom County will be removed. By December 2013, remaining nets in Hood Canal and other counties will be removed.	soundwide	NWS Fdn	WDFW	DNR	
B	3.2	Implement and maintain priority marine restoration projects.	2	<u>Deep Water Net Removal</u> : The Northwest Straits Foundation will complete development and at least one pilot implementation of a new methodology for deep-water net removal by December 2013. To date, approximately 130 nets are known to exist in Puget Sound in waters deeper than 105'. These nets may be degrading important habitat for listed rockfish species. Pilot removal operations will focus on concentrations of known deepwater nets in documented rockfish habitat in the San Juan Islands.	By December 2012, identify known deepwater nets for pilot removal operations. By September 2013, develop up to three possible removal options in partnership with WDFW, DNR, NOAA, tribes, fishers, and others. By December 2013, pilot chosen removal option on identified nets.	soundwide	FWS Fdn			
B	4.1	Use, coordinate, expand, and promote financial incentives and programs for best practices at ports and in the marine industry that are protective of ecosystem health.		No near-term actions. Work is focused on implementation of ongoing programs.						
B	4.2	Increase access to and knowledge of publically owned Puget Sound shorelines and the marine ecosystem.	1	<u>State Parks Interpretive Experiences</u> . Increase passive, active and virtual interpretive experiences on Puget Sound ecology, threats, vital signs, and recovery actions at State Parks and other publically owned lands that provide access to Puget Sound. Maximize opportunities to connect Park visitors with the regional ecosystem recovery effort.	By December 2012, update the <i>2007 Puget Sound Initiative Project - Interpretive and Education Plan</i> and review existing interpretive plans for Puget Sound interpretive experience opportunities. By June 2013, identify potential funding sources for implementation of unfunded elements of the updated plan identified through interpretive plan review. Further metrics will depend on acquisition of funding.	soundwide	Parks			
B	5.1	Implement species recovery plans in a coordinated way.	1	<u>Develop and Implement Species Plans</u> . Develop (where necessary) and implement actionable plans for imperiled Puget Sound species	Number of actionable plans for imperiled species currently lacking such plans	soundwide	DFW			
B	5.1	Implement species recovery plans in a coordinated way.	2	<u>Fish and Wildlife Action Plan</u> . WDFW, in coordination with the US Fish and Wildlife Service and the National Oceanic and Atmospheric Administration, will complete a Fish and Wildlife Action Plan for Puget Sound by June 30, 2013. This action will carry out the agency's Comprehensive Wildlife Conservation Strategy in the Puget Trough, Cascades and Northwest Coast eco-regions to integrate terrestrial and aquatic species specific recovery plans, existing management tools, and interagency conservation plans into a unified ecosystem approach to set priorities focused on conserving and restoring critical habitat, improve biodiversity	A completed Fish and Wildlife Action Plan for Puget Trough by June 30, 2013	soundwide	WDFW	USFWS	NOAA	

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				protection and restoration efforts and better coordinate them.						
B	5.2	Create a more integrated planning approach to protect and enhance biodiversity in the Puget Sound basin.		No near-term actions. Work is focused on implementation of ongoing programs.						
B	5.3	Prevent and rapidly respond to the introduction and spread of terrestrial and aquatic invasive species.	1	<u>Invasive Species Baseline Assessment</u> . By December 2014, the Invasive Species Council, in consultation with WSDA, will expand its baseline assessment to include an additional 15 of the Council's priority invasive species. The assessment provides locations of species, details about management programs, and identifies gaps that exist.	25% complete (Sep 30, 2012); 31% complete (Dec 31, 2012); 38% complete (Mar 31, 2013); 44% complete (Jun 30, 2013); 44% complete (Sep 30, 2013); 56% complete (Dec 31, 2013); 69% complete (Mar 31, 2014); 88% complete (Jun 30, 2014); 88% complete (Sep 30, 2014); 100% complete (Dec 31, 2014)	soundwide	ISC	WSDA		
B	5.3	Prevent and rapidly respond to the introduction and spread of terrestrial and aquatic invasive species.	2	<u>Invasive Species Early Detection and Monitoring</u> . By June 2014, the Invasive Species Council, in consultation with WSDA, will develop an early detection and monitoring program plan for priority invasive species in Puget Sound. The Council will coordinate the plan and implementation efforts with the Puget Sound Coordinated Ecosystem Monitoring Program.	Plans will be developed for five species. Secure funding by March 2013; Issue request for proposal. Hire contractor by June 2013; Identify existing invasive species monitoring efforts and protocols used in Puget Sound by December 2013; Develop conceptual monitoring plan that identifies targeted species and locations, and estimated costs to implement by June 2013; Seek funding opportunities to implement monitoring plan by October 2014	soundwide	ISC	WSDA		
B	5.3	Prevent and rapidly respond to the introduction and spread of terrestrial and aquatic invasive species.	3	<u>Managing Invasive Species On/In Boats and Ships</u> . DFW will prepare implementable recommendations for managing invasive species transported on and in the hulls of recreational watercraft and commercial ships.	Complete a management plan with recommendations by June 30, 2015 Milestones: Issue request for proposals and select contractor: June 2012, complete assessment of non-indigenous marine species in Puget Sound: December 2012; Develop/identify standard methods for designating high-risk watercraft in Puget Sound: June 2013; identify BMPs for in-water watercraft cleaning: December 2013; Identify other non-watercraft biofouling vectors for future research: 6/30/2014; Draft management plan reviewed by stakeholder group and Washington Invasive Species Council: December 2014	soundwide	DFW			
B	5.3	Prevent and rapidly respond to the introduction and spread of terrestrial and aquatic invasive species.	4	<u>Ballast Water Treatment effectiveness</u> . By June 2015, DFW will complete an assessment of and make recommendations to improve the effectiveness of open sea exchange and treatment in meeting state ballast water standards.	Complete report and make available to resource managers and the public by June 30, 2015. Milestones: - Issue sub-award to University of Washington to analyses samples and conduct data analysis: 12/31/2012 - University completes analysis of archived samples and identifies research gaps: 6/30/2013 - WDFW collects new samples to fill research gaps: 12/31/2013	soundwide	DFW			

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					- Draft report reviewed by state Ballast Water Work Group: 12/31/2014					
B	5.3	Prevent and rapidly respond to the introduction and spread of terrestrial and aquatic invasive species.	5	<u>Zebra/Quagga and New Zealand Mud Snail Plans</u> . By June 2015, DFW will develop plans to respond to 1) a potential zebra/quagga mussel invasion in the Puget Sound Basin and 2) limit the spread of New Zealand mud snails.	Complete zebra/quagga mussel invasion management plan by June 30, 2015; Complete plan to limit spread of New Zealand mud snails by June 30, 2015. Milestones: - Assess EPA grant opportunities and/or department legislation request for project funding: 6/30/2013 - Secure project funding; and issue contract to prepare management plans; 6/30/2014 - Draft management plans reviewed by Puget Sound Science Panel and Washington Invasive Species Council: 12/31/2014	soundwide	DFW			
B	5.4	Answer key invasive species research questions and fill information gaps.	1	<u>Environmental and Economic Impact of Invasive Species</u> . The Washington Invasive Species Council, in consultation with WSDA, will complete a risk assessment to evaluate the environmental and economic impacts of invasive species in the Puget Sound marine and nearshore ecosystems and incorporate short-term climate change considerations.	Workgroups will be convened by December 2012. WISC will revise performance measures to denote the number of pathways that will be considered by September 2013. Draft pathway analysis will be submitted to the Science Panel by August 2014. Final study will be completed by June 2015.	soundwide	ISC	WSDA		
C	1.1	Implement and strengthen authorities and programs to prevent toxic chemicals from entering the Puget Sound environment.	1	<u>PAH and PFOS Chemical Action Plans</u> . Ecology, working with its partners, will complete a PAH CAP by 2012 and a CAP for PFOS or all perfluorinated compounds (PFCs) by 2014, and begin to implement the recommendations from the Plans. (Wood smoke actions in the PAH CAP will build from the control strategies outlined in the Tacoma SIP for fine particulates. The PAH CAP may also include recommendations to reduce PAHs from incomplete combustion and/or other sources. The PFOS/ PFC CAP will include an evaluation of safer alternatives and recommendations for reducing use of PFOS and/or PFCs.)	PAH and PFOS or PFC chemical action plans completed or not; pounds/year of PAH reduced	soundwide	Ecology			
C	1.1	Implement and strengthen authorities and programs to prevent toxic chemicals from entering the Puget Sound environment.	2	<u>Mercury Lamp Product Stewardship</u> . Ecology will establish a mercury lamp product stewardship program by 2013.	Program established or not; pounds per year of mercury collected	soundwide	Ecology			
C	1.1	Implement and strengthen authorities and programs to prevent toxic chemicals from entering the Puget Sound environment.	3	<u>Fish Consumption Rates and Sediment Management Standards</u> . <u>In 2012 Ecology will propose draft rule language that will address human health; protect ecological receptors from bioaccumulation; and include freshwater sediment standards and develop Implementation Tools for meeting Water Quality Standards based on revised human health criteria.</u> Ecology worked with an external advisory group on developing preliminary concepts for rule updates; tribes, stakeholders, and the public reviewed a draft technical support document on fish consumption rates; this input is being considered for rule updates. In 2012 Ecology will propose draft rule language that will address human health and background;	Complete by June 30, 2013.	soundwide	Ecology	NWIFC		

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				protect ecological receptors from bioaccumulation; and include freshwater sediment standards. Rulemaking also continues to develop implementation tools for meeting Water Quality Standards in anticipation of future updates to water quality standards based on revised human health criteria.						
C	1.1	Implement and strengthen authorities and programs to prevent toxic chemicals from entering the Puget Sound environment.	4	<u>Estimates of Copper in Pesticides.</u> The Washington Department of Agriculture will work with Ecology to review and refine estimates of the agricultural and non-agricultural release of copper from pesticide use in the Puget Sound basin and publish a summary report by December 2012. This report is one element as part of a process to evaluate copper loading in Puget Sound.	By December 2012, WSDA publishes a report describing opportunities to refine estimates of agricultural and non-agricultural release of copper from pesticide use in the Puget Sound basin. This will involve evaluating the 2004 report completed for the San Francisco Bay estuary, reviewing the assumptions used in the Puget Sound loading study, assessing changes in registration status of copper containing pesticides, and comparing and contrasting use patterns in Washington and California. Copper release information is used to evaluate surface water monitoring data collected in 2012.	soundwide	WSDA	Ecology		
C	1.1	Implement and strengthen authorities and programs to prevent toxic chemicals from entering the Puget Sound environment.	5	<u>Pesticide Use Survey.</u> By December, 2013, Washington Department of Agriculture, in partnership with the USDA National Agricultural Statistics Service and coordination with PSP, will complete survey work and publish a report of refined estimates of primary releases of copper from non-agricultural pesticide use in the Puget Sound basin. This includes conducting a pesticide use survey of homeowners within the Puget Sound basin. In addition, WSDA will survey commercial and public applicators to provide a more complete profile of urban pesticide use. The results will be used to further refine the estimates for urban pesticide use (including copper compounds) as a source of toxic chemicals released to the Puget Sound environment. This work is one element as part of a process to evaluate copper loading in Puget Sound.	By November 2012, survey drafted and distributed to 9500 homeowners. Report produced by December 2013. Discuss findings and next steps with the Leadership Council by March 2013. Copper use information is used to evaluate surface water monitoring data collected in 2012.	soundwide	WSDA	Ecology		
C	1.1	Implement and strengthen authorities and programs to prevent toxic chemicals from entering the Puget Sound environment.	6	<u>Emerging Contaminants.</u> Ecology and PSP will assemble information on chemicals of emerging concern, beyond the 17 chemicals of concern in the Puget Sound Toxics Loading Studies, including PBTs, endocrine disruptors, other chemicals, and nanotechnology and nanomaterials, and will recommend actions to (1) better understand the threats to Puget Sound and (2) address the highest priority problems.	By December 2013, Ecology will publish recommendations for actions to understand and address emerging contaminants.	soundwide	Ecology	PSP		
C	1.1	<u>Implement and strengthen authorities and programs to prevent toxic chemicals from entering the Puget Sound environment.</u>	7	<u>Water Quality Enforcement. (Owner needs to be identified) Increase the capacity for enforcement, and enforce all regulations pertaining to the discharge of pathogens and contaminants to the waters of the state to ensure achievement of approved shellfish growing water certification.</u>	<u>To be determined</u>	<u>soundwide</u>	<u>To be determined</u>			
C	1.2	Promote the development and use of safer alternatives to toxic chemicals.	1	<u>Chemical Alternatives Assessments.</u> By 2013, Ecology will work with the Interstate Chemicals Clearinghouse (IC2) to develop a guidance document on chemical alternatives assessment and, depending on funding availability, will complete assessments of five chemicals to identify safer alternatives.	Draft guidance document issued in September 2012	soundwide	Ecology			

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STRATEGY	#	SUB-STRATEGY	NTA #	NTA	PERFORMANCE MEASURE	NTA TYPE	OWNER	SECONDARY OWNER	OWNER (3)	OWNER (4)
C	1.2	Promote the development and use of safer alternatives to toxic chemicals.	2	<u>Toxics in Roofing Materials</u> . By 2013, Ecology will establish a task force that will oversee a study evaluating toxic materials (including toxic metals and, possibly, phthalates) in roofing materials and recommend strategies for promoting less-toxic alternatives or ways to use materials that minimize releases of toxic materials to receiving waters. To support the task force's work, Ecology will solicit information from manufacturers on the presence of toxic chemicals in roofing materials. Using any data from manufacturers or previously published studies, Ecology will create and implement a sampling strategy to assess the release of contaminants from different roofing materials. The task force will use this information to develop its recommendations.	Ecology will have a draft report of study findings by June 2013. The Task Force will have recommendations on strategies to promote safer roofing alternatives by December 2013.	soundwide	Ecology			
C	1.2	Promote the development and use of safer alternatives to toxic chemicals.	3	<u>Green Chemistry Road Map</u> . In 2012, Ecology and business, government, and academic stakeholders will finalize and begin implementing a green chemistry road map for Washington, including efforts to establish a Washington State green chemistry center. By 2013, Ecology will host a green chemistry conference in the region	Green chemistry road map developed or not; green chemistry center established or not; green chemistry conference held or not	soundwide	Ecology			
C	1.3	Adopt and implement plans and control strategies to reduce pollutant releases into Puget Sound from air emissions.		No near-term actions. Work is focused on implementation of ongoing programs.						
C	1.4	Provide education and technical assistance to prevent and reduce releases of pollution.	1	<u>Landscaper Accreditation</u> . The landscape industry, in cooperation with other stakeholders, will establish a sustainable landscaper accreditation program to promote environmentally friendly landscape development and maintenance practices. Ecology will support this effort by providing start-up funding. The industry-led program will be designed to improve habitat and water quality by reducing the use of pesticides containing toxic chemicals, reducing the use of fertilizers, reducing use of water for irrigation, reducing runoff from landscaped properties, increasing natural stormwater filtration, reducing emissions from landscape equipment, and encouraging the use of native or other plants that provide riparian shade, support native pollinators, and require less pesticide, fertilizer, and water.	By December 2013, the organization identified to administer the accreditation program shall industry representatives will publish a report describing the program and/or next steps in establishing such a program.	soundwide	Ecology			
C	1.4	Provide education and technical assistance to prevent and reduce releases of pollution.	2	<u>Environmentally Preferable Purchasing</u> . By 2013, Ecology will work with the new Washington Department of Enterprise Services to develop environmental opportunity assessments for 6–10 contracts; these assessments will identify environmentally preferable purchases that could help reduce toxic pollution while seeking best value for the state. Best value includes looking at price, performance, availability and environmental considerations when developing and awarding contracts.	To be determined	soundwide	Ecology			
C	1.4	Provide education and technical assistance to prevent and reduce releases of pollution.	3	<u>Conduct Local Source Control Business Assistance Visits</u> . Conduct local source control business assistance visits. By July 2013, local governments, under contract with Ecology, will conduct at least 5,000 local source control visits to help small businesses reduce	Number of local source control visits completed per year	soundwide	Ecology			

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STRATEGY	#	SUB-STRATEGY	NTA #	NTA	PERFORMANCE MEASURE	NTA TYPE	OWNER	SECONDARY OWNER	OWNER (3)	OWNER (4)
				stormwater pollution and improve hazardous waste management.						
C	1.5	Control wastewater and other sources of pollution such as oil and toxics from boats and vessels.	1	<u>No Discharge Zone Evaluation and Petition</u> . By December 2013 Ecology and DOH, in coordination with the Department of Natural Resources, will conduct an evaluation and draft a petition to EPA to establish a NDZ for commercial and recreational vessels to eliminate discharges of sewage to all or parts of Puget Sound. It is not the intent of this NTA to prohibit discharges of treated sewage from moving vessels that have advanced wastewater treatment systems that meet secondary treatment standards specified in 40 CFR Section 133.102 and provide disinfection, bacteria, nutrients, and pathogens from being discharged, to all or parts of Puget Sound. The evaluation will include researching petition requirements; gathering background information and pump-out station data for the petition; identifying, reaching out to, and getting input of stakeholders; identifying and prioritizing which areas of the Puget Sound are feasible for petition; and evaluating how to implement the designation.	Completion of draft elements of an evaluation by July 2012 (Phase I). Completion of stakeholder outreach, surveys, geographical locations by July 2013 (Phase II). Completion of draft petition to EPA by September 2013.	soundwide	Ecology	DOH		
C	1.5	Control wastewater and other sources of pollution such as oil and toxics from boats and vessels.	2	<u>Pump-Out Station Improvements</u> . Ecology and DOH, with National Estuary Program grant funding, will coordinate with Washington State Parks' Clean Vessel Program to assist in construction, repair and monitoring of pump-out stations to meet requirements of the NDZ petition.	Number of pump-out stations added or improved. Amount of sewage pumped out. Pump out capacity is able to support a NDZ designation.	soundwide	Ecology	DOH		
C	1.5	Control wastewater and other sources of pollution such as oil and toxics from boats and vessels.	WS 9	<u>West Sound Pump Out Stations</u> . By January 2013, Kitsap Public Health will identify potential pump out stations and develop needs assessment to address marine vessel sewage	To be determined	local	Kitsap County			
C	1.6	Increase compliance with and enforcement of environmental laws, regulations, and permits.	1	<u>Hazardous Waste, Wastewater, and Air Quality Compliance and Enforcement</u> . Increase Ecology's hazardous waste, and wastewater compliance inspection and enforcement programs in the Puget Sound.	Number of compliance inspections completed per year, pounds of hazardous wastes and air pollutants reduced per year, volume of wastewater discharges reduced per year	soundwide	Ecology			
C	1.6	Increase compliance with and enforcement of environmental laws, regulations, and permits.	2	<u>Compliance for Use of Toxics in Products</u> . Ecology will conduct compliance activities for state laws banning the use of toxic materials (e.g., PBDEs) in products, including taking appropriate enforcement actions against noncompliant products.	By June 30, 2013, Ecology will publish a report on product sampling and follow up actions taken.	soundwide	Ecology			
C	2.1	Manage urban runoff at the basin and watershed scale.	1	<u>Watershed Based Stormwater Management</u> . PSP in consultation with Ecology and with guidance from the Ecosystem Coordination Board, will evaluate the feasibility, costs, and effectiveness of expanding the existing, municipal stormwater jurisdiction-by-jurisdiction permit approach, using "general permits," to include additional watershed-based municipal stormwater management practices. PSP will complete the evaluation and provide to Ecology for consideration by February 2013PSP, with guidance from the Ecosystem Coordination Board, will evaluate the effectiveness of transitioning the existing, municipal stormwater jurisdiction-by-jurisdiction permit approach, using "general permits," to watershed-based municipal stormwater management by February	PSP to commission and complete an evaluation of the effectiveness of transitioning to watershed-based municipal stormwater management and provide to Ecology by February 2013, and give a presentation and discuss next steps with the ECB by March 2013.PSP to commission and complete an evaluation of the effectiveness of transitioning to watershed-based municipal stormwater management by February 2013, and give a presentation and discuss next steps with the ECB by March 2013.	soundwide	PSP	ECB		

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STRATEGY	#	SUB-STRATEGY	NTA #	NTA	PERFORMANCE MEASURE	NTA TYPE	OWNER	SECONDARY OWNER	OWNER (3)	OWNER (4)
				2012. This action is based on the ECB policy paper on stormwater.						
C	2.1	Manage urban runoff at the basin and watershed scale.	2	<u>Protect Best Remaining Streams</u> . King County, in cooperation with agencies populating the Puget Sound Stream Benthos database, will identify and map remaining streams with B-IBI scores of at least 42-46 and develop an overall strategy and tailored actions to protect these areas by September 2013.	Map of targeted streams by March 2013; strategies and actions to protect targeted stream drainages by September 2013.	soundwide	King County			
C	2.1	Manage urban runoff at the basin and watershed scale.	3	<u>Stormwater System Mapping</u> . King County in cooperation with Ecology, local governments, WSDOT, and Department of Natural Resources, will help improve understanding and management of the region's stormwater infrastructure by developing protocols, methodology and definitions for stormwater system mapping, and developing geo-referenced databases that can be compiled into a regional geo-referenced database of the Sound's regulated, municipal stormwater system. Following completion of this work, seek funding to develop a geo-referenced database of the Sound's regulated, municipal stormwater system.	Protocols, methodology and definitions to guide mapping and documentation efforts by March 2013 , completed geo-referenced database by December 2013 . seek funding to develop geo-referenced database by December 2013.	soundwide	King County	Ecology	WSDOT	DNR
C	2.2	Prevent problems from new development at the site and subdivision scale.	1	<u>NPDES Municipal Permits</u> . Ecology will issue municipal permits for western Washington and provide financial assistance to permittees for implementation, particularly for code changes, stormwater system mapping, operations and maintenance, inspections and enforcement. This will require additional resources to Ecology for permit oversight, technical assistance, and enforcement. Ecology will provide incentives to NPDES permittees who, by interlocal agreement, lead or carry out regional or watershed scale NPDES implementation.	Reissued, improved municipal permits by July 2012; additional resources to Ecology by July 2013; financial assistance provided to permittees by December 2013; incentives provided to permittees for regional implementation by December 2013.	soundwide	Ecology			
C	2.2	Prevent problems from new development at the site and subdivision scale.	2	<u>Stormwater Treatment Standards</u> . Ecology will evaluate under which circumstances (i.e., for which pollutants, from which land uses) discharges to Puget Sound should be required to provide treatment beyond sediment removal (i.e., TSS removal) to help meet 2020 recovery targets.	Evaluation with supporting documentation by March 2014	soundwide	Ecology			
C	2.2	Prevent problems from new development at the site and subdivision scale.	3	<u>Stormwater Management Outside Permitted Areas</u> . Ecology, in coordination with the state Department of Health, will identify two high priority shellfish growing areas degraded by urban stormwater discharges and works with local governments and other key parties to reduce these impacts to the areas.	Areas identified by September 2012; assistance provided to non-permitted local governments by December 2012; documentation of reduced impacts by March 2014 and at conclusion of projects.	soundwide	Ecology	DOH		
C	2.2	Prevent problems from new development at the site and subdivision scale.	4	<u>New Development Under Earlier Stormwater Programs</u> . Ecology will initiate a process to assess projected implications and impacts of current state law concerning the level of stormwater control from new development approved under earlier stormwater programs.	RFP issued by August 2012; project lead awarded and project lead to develop new milestones to deliver a report on projected implications and impacts by at least December 2012.	soundwide	Ecology			
C	2.2	Prevent problems from new development at the site and subdivision scale.	SJI 3	<u>SJ Improve Stormwater Permit Review</u> . San Juan County Community Development and Planning Department (CDPD) and the Town of Friday Harbor will improve the stormwater permit review process with pre-disturbance site review and follow-up site visits at 50 percent of properties permitted between 2012-2015.	Pre-disturbance site review and follow-up site visits at 50 percent of properties permitted between 2012-2015	local	SJC			
C	2.2	Prevent problems from new development at the site and subdivision	STRT 5	<u>Straits Stormwater Management Programs</u> . Stormwater Management Program Updates and Implementation (Clallam, Jefferson, Port Angeles, Sequim, and Port Townsend)	Recommended option: Adoption of LID incentives and ordinances by all 5 Strait Action Area local jurisdictions; Alternative Option:	local				

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STRATEGY	#	SUB-STRATEGY	NTA #	NTA	PERFORMANCE MEASURE	NTA TYPE	OWNER	SECONDARY OWNER	OWNER (3)	OWNER (4)
		scale.		a. City of Port Townsend Stormwater Management Plan b. City of Sequim Stormwater Management Plan c. City of Port Angeles CSO reduction d. City of Port Angeles NPDES Stormwater Management Program implementation e. Jefferson County Public Education Plan implementation f. Jefferson County low impact development and BMP staff training g. Jefferson County low impact development and BMP training for development community h. Clallam County stormwater technical assistance i. Clallam County outreach and education j. Clallam County stormwater monitoring and data analysis k. Clallam County stormwater management staff training l. Clallam County land use analysis m. Clallam County Stormwater Management Plan n. Speaker forum on reducing stormwater impacts from roads	Initiate or complete 25% of the new Priority Actions identified by the Strait ERN for the Strait Action Area					
C	2.3	Fix problems caused by existing development.	1	<u>Stormwater Retrofit Projects.</u> Ecology will lead a process to identify high priority retrofit projects that will contribute to the recovery of Puget Sound and complete conceptual design to a stage sufficient to seek project implementation funding. The work will build on retrofit prioritization work by WSDOT, King County and others, and will be replicable in other urban and suburban areas around the Sound. Ecology will lead a process to identify the top priority retrofit projects associated with the transportation infrastructure in the urbanized portions of King, Pierce, Kitsap and Snohomish counties and complete conceptual design to a stage sufficient to seek project implementation funding. The work will build on retrofit prioritization work by WSDOT, King County and others, and will be replicable in other urban and suburban areas around the Sound.	RFP issued by August 2012; new regional stormwater retrofit prioritization process and list of projects by December 2013.	soundwide	Ecology			
C	2.3	Fix problems caused by existing development.	2	<u>Map, Prioritize, and Restore Degraded Streams.</u> King County, in cooperation with agencies populating the Puget Sound Stream Benthos database, will identify and map stream drainages with "fair" B-IBI scores considered "fair or worse", and develop a prioritized list, strategies and actions to improve scores of 30 of these streams.	Map of targeted drainages by March 2013; prioritized list for restoration and strategies, actions, and budgets by September 2013.	soundwide	King County			
C	2.3	Fix problems caused by existing development.	3	<u>Legacy Pollutant Removal.</u> Ecology, in cooperation with local governments, will provide guidance and financial assistance to local governments to help them remove legacy pollutant loads from their stormwater systems.	Shared guidance; financial assistance to permittees by December 2013.	soundwide	Ecology			
C	2.3	Fix problems caused by existing development.	HC 4	<u>HCCC Stormwater Retrofit Program.</u> HCCC will pursue a stormwater retrofit program to identify, and prioritize, and implement stormwater retrofit opportunities throughout the Hood Canal watershed.	By the end of 2013 a list of prioritized stormwater retrofit projects will be available to determine feasibility for implementation	local	HCCC			
C	2.3	Fix problems caused by existing development.	WS 5	<u>West Sound Stormwater Retrofit Projects.</u> By December 2015, Kitsap County Surface and Stormwater Management Program, in coordination with jurisdictions and other partners, will design and construct high priority retrofit projects treating 10 acres of pollution generating impervious surfaces.	By December 2015 treat 10 acres of impervious surface	local	Kitsap County			

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STRATEGY	#	SUB-STRATEGY	NTA #	NTA	PERFORMANCE MEASURE	NTA TYPE	OWNER	SECONDARY OWNER	OWNER (3)	OWNER (4)
C	2.4	Control sources of pollutants.	1	Inspection, Technical Assistance and Enforcement Compliance Assurance Program. Ecology and local governments will increase inspection, technical assistance, and enforcement programs for high-priority businesses and at construction sites.	Increased number of inspections, technical assistance, and enforcement activities by December 2012	soundwide	Ecology			
C	2.4	Control sources of pollutants.	2	Vehicle Leak Detection Program. King County, in cooperation with Seattle, WSDOT, the STORM advisory committee, and PSP will lead a regional discussion to develop options and recommendations for a new program to inspect and eliminate privately owned vehicle drips and leaks by June 2014. This work builds on the related work of existing grants to STORM and Seattle on vehicle leaks and drips.	By September 2012 convene first forum. By December 2013, convene up to three additional forums and use information from the STORM and Seattle grant-funded efforts to identify opportunities, challenges, options and recommendations. By June 2014, complete a recommendation report for policy changes, public education and behavior change campaigns, and funding needs, and present recommendation report to the ECB, Science Panel, and Leadership Council for consideration. By September 2014, based on feedback from the ECB and Leadership Council, PSP will work with regional partners to identify a lead for next steps and measures.	soundwide	King County			
C	2.4	Control sources of pollutants.	SJI 5	SJI Coordinated Best Management Practices. San Juan County Public Works will convene Community Development and Planning Department (CDPD), Department of Health and Community Services (DHCS), and the San Juan Islands Conservation District (CD) to identify and coordinate best management practices for stormwater, on-site septic systems, and animal wastes with community participation by 2013.	CDPD, DHCS, CD, and the Town of Friday Harbor will publicize information by the second quarter of 2014 at the DHCS, CDPD, and Town permit counters and associated websites, with a goal to target 100% of applicants by the end of 2014. San Juan County will provide for identified best management practices in County Code by 2014.	local	SJC			
C	2.4	Control sources of pollutants.	SJI 6	SJI Stormwater Monitoring. San Juan County Public Works Stormwater Utility will lead and work jointly with the Stormwater Committee, the Water Resources Committee, the Marine Resources Committee, and the Town of Friday Harbor to implement an annual strategic monitoring plan by 2013 to measure levels of fecals, heavy metals, POPs, and PAHs in priority basins.	In the first year post-implementation, monitor 100% of priority basins, with monitoring actions ongoing after 2014.	local	SJC			
C	2.5	Provide focused stormwater-related education, training, and assistance.	1	LID Training and Certification. Ecology will provide focused training for local government staff on LID project review, and inspections and approvals, as well as to local government staff and private sector on maintenance. Develop new professional certification for stormwater maintenance specialists. Provide business staff and contractors with training on source control, spill recognition, spill response, and erosion control.	Provide stormwater-related training by June 30, 2013 and follow-up training opportunities by June 30 2014.	soundwide	Ecology			
C	2.5	Provide focused stormwater-related education, training, and assistance.	2	[WHO] develops a near-term plan for academic course work, including tribal history and civics, for future stormwater professionals that emphasizes continuing improvements in stormwater management in the context of the larger issues of sustainable water resource management and climate change.	To be determined	soundwide	To be determined			
C	2.5	Provide focused stormwater-related education, training, and assistance.	WS 4	West Sound LID Training. By December 2014, Kitsap County Surface and Stormwater Management Program – with direct assistance from and close coordination with other stormwater utilities and agencies in the County – will provide training for 80% of LID professionals in Kitsap County, including plan review staff,	Training for 80% of LID professionals in Kitsap County by December 2014	local	Kitsap County			

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STRATEGY	#	SUB-STRATEGY	NTA #	NTA	PERFORMANCE MEASURE	NTA TYPE	OWNER	SECONDARY OWNER	OWNER (3)	OWNER (4)
				designers, installers, inspection, and maintenance staff.						
C	3.1	Target voluntary and incentive-based programs that help working farms contribute to Puget Sound recovery.	1	<u>Water Quality Best Management Practices</u> . By December 2012, the Department of Ecology, Department of Agriculture and State Conservation Commission, after conferring with federal, tribal, and local partners will work on a solution to improved implementation of best management practices that protect water quality.	By December 2012 develop a plan to improve BMP implementation.	soundwide	Ecology	WSCC	WSDA	
C	3.1	Target voluntary and incentive-based programs that help working farms contribute to Puget Sound recovery.	2	<u>Effectiveness of Incentive Programs</u> . By December 2013, the State Conservation Commission, in consultation with Ecology and the Washington State Departments of Agriculture and Health, Conservation Districts, Federal agencies and Tribes, will report to the Governor and the Legislature on the effectiveness of incentive programs to achieve resource objectives. The report will include a section from Ecology on compliance with water quality standards.	By December 2012, hold two coordinating meetings to evaluate the effectiveness of the ag incentive programs. By June 2013, produce a draft report with recommendations on necessary changes. Between June 2013 and November 2013, present the draft report to the agencies, Tribes, and stakeholder groups for comment. By November 2013 present the report to the ECB and Leadership Council. Following presentation of the final report to the legislature and governor, the WSCC will work with the other entities on strategies to implement the recommendations in the report.	soundwide	WSCC	Ecology	WSDA	DOH
C	3.1	Target voluntary and incentive-based programs that help working farms contribute to Puget Sound recovery.	3	<u>Voluntary Stewardship Program</u> . The Conservation Commission, Ecology, and WSDA should support implementation, funding, and assistance to those Counties participating in the Voluntary Stewardship program, as well as new capacity for enforcement of state and federal water quality regulations.	By December 2012, the WSCC will identify potential funding sources. By June 2013, funding will be made available to the four counties in the Program.	soundwide	WSCC			
C	3.2	Ensure compliance with regulatory programs designed to reduce, control, or eliminate pollution from working farms.	1	<u>Priority Areas for Voluntary Incentive and Regulatory Programs</u> . The State Conservation Commission and the Washington State Departments of Agriculture, Ecology, and Health will identify priority areas to better target and coordinate implementation of voluntary incentive and regulatory programs for rural landowners, small-acreage landowners, and working farms.	By Dec. 31, 2012, the WSCC will convene at least two meetings to identify priority areas. By June 30, 2013, WSCC will implement voluntary incentive programs in 5 target areas.	soundwide	WSCC	WSDA	Ecology	DOH
C	3.2	Ensure compliance with regulatory programs designed to reduce, control, or eliminate pollution from working farms.	2	<u>Dairy Lagoon Assessment</u> . By July 2013, WSDA will complete the current NRCS-funded lagoon assessment of all known dairy waste storage ponds, finalize risk based evaluations and prioritize lagoons based on the findings. The assessment ranks lagoons on potential risk to water resources. Lagoons identified as high risk will be provided technical assistance to address the problem.	Field assessment and risk evaluation of up to 500 lagoons completed by July 2013; Number of lagoons with identified risks are identified and operators made aware of available technical assistance by September 2013.	soundwide	WSDA			
C	3.2	Ensure compliance with regulatory programs designed to reduce, control, or eliminate pollution from working farms.	3	<u>Dairy Rule Final Agronomic Applications</u> . By December 2012, WSDA will adopt a final rule defining records required by dairies to show agronomic applications (Chapter 90.64.010(17)) and create a penalty matrix for both discharge and records violations. Rule adoption supports efficient program implementation by clarifying for dairies and stakeholders the expectations for recordkeeping as well as the basis for penalties.	Final rule adopted or not	soundwide	WSDA			
C	3.2	Ensure compliance with regulatory programs designed to reduce, control, or eliminate	4	<u>CAFO Permit</u> . By December 2012, Ecology will issue an updated CAFO permit.	Estimated Public Comment Draft Date: July 2012 Estimated Permit Issuance Date: November 2012	soundwide	Ecology			

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		pollution from working farms.			Estimated Permit Effective Date: December 2012					
C	4.1	Achieve water quality standards on state and privately owned working forests through implementation of the Forest and Fish Report.	1	<u>Forest Practices Adaptive Management Program Review</u> . DNR and Ecology will obtain an independent performance review of the Forest Practices Adaptive Management Program (AMP).	DNR identifies date for the review by December 2013	soundwide	DNR	Ecology		
C	4.1	Achieve water quality standards on state and privately owned working forests through implementation of the Forest and Fish Report.	2	<u>Forest Practices Adaptive Management Program</u> . DNR will work to secure long-term and dependable funding for the Forest Practices Adaptive Management Program (AMP), training, compliance monitoring, and enforcement.	DNR identifies date for securing a stable base by December 2013	soundwide	DNR			
C	4.2	Maintain forest roads and implement road abandonment plans for working forest lands subject to the Forest Practices Rules on schedule, and ensure federal forest managers meet or exceed state standards for road maintenance and abandonment on federal lands.	1	<u>Risk Assessment of Small Forest Landowner Roads</u> . DNR, in consultation with Ecology, will design and complete a resource risk assessment of small forest landowner roads for the delivery of sediment to waters of the state. Work with stakeholders to propose an approach to solving identified problems, and focus restoration efforts on small forest landowner lands in the Puget Sound Basin.	Design resource risk assessment and implementation plan by June 2014	soundwide	DNR	Ecology		
C	4.2	Maintain forest roads and implement road abandonment plans for working forest lands subject to the Forest Practices Rules on schedule, and ensure federal forest managers meet or exceed state standards for road maintenance and abandonment on federal lands.	2	<u>Accelerate Family Forest Fish Passage Program Implementation</u> . DNR, in collaboration with other agencies, will seek increased support for the Family Forest and Fish Passage Program (FFPPP) based on the resource risk assessment and prioritization and will clear the current backlog of FFPPP projects within the Puget Sound Basin. This should build on strong existing partnerships with federal agencies, such as USDA NRCS, US FWS, NOAA Fisheries, EPA, and Bonneville Power Administration, as well as outreach to private sector and nonprofit sector funding sources.	Additional funding secured by July 2013; Initiate cleaning of backlog and remove 75 fish passage barriers per year beginning July 2013	soundwide	DNR			
C	4.2	Maintain forest roads and implement road abandonment plans for working forest lands subject to the Forest Practices Rules on schedule, and ensure federal forest managers meet or exceed state	3	<u>Fish Passage Barriers</u> . WDFW will assess and prioritize fish passage barriers by watershed within the Puget Sound.	Number of watershed habitat assessments and prioritization analyses conducted.	soundwide	WDFW	DNR	RCO	

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		standards for road maintenance and abandonment on federal lands.								
C	4.2	Maintain forest roads and implement road abandonment plans for working forest lands subject to the Forest Practices Rules on schedule, and ensure federal forest managers meet or exceed state standards for road maintenance and abandonment on federal lands.	4	<u>Enhance RMAP Database</u> : DNR will continue to update the Large Landowner RMAP database to ensure tracking of progress in bringing roads up to current standards by 2016 (or 2021 with approved extension).	RMAP data base updated quarterly with reports from landowners	soundwide	DNR			
C	4.2	Maintain forest roads and implement road abandonment plans for working forest lands subject to the Forest Practices Rules on schedule, and ensure federal forest managers meet or exceed state standards for road maintenance and abandonment on federal lands.	5	<u>RMAP Coordination with Federal Partners</u> . DNR will work to secure executive-level participation from U.S. Forest Service in annual RMAP coordination meetings with landowners, WDFW, Ecology, affected tribes, NOAA-Fisheries, USFWS, affected counties, watershed councils and other interested parties within each watershed (per WAC 222-24-051(11)). Participants will discuss opportunities to provide a coordinated approach within each watershed resource inventory area by (1) prioritizing road maintenance and abandonment planning and (2) exchanging information on road maintenance and stream restoration projects.	By December 2013, DNR convenes 19 WRIA meetings annually and includes USFS in the meetings for WRIsAs where USFS owns land	soundwide	DNR			
C	5.1	Effectively manage and control pollution from on-site sewage systems.	1	<u>Effectiveness of OSS Rule</u> . DOH, in consultation with local health jurisdictions (LHJs) and other interests, will evaluate the effectiveness of the state OSS rule, identify potential changes, and outline recommendations to the State Board of Health by December 2013.	Project design completed by December 2012, draft results compiled by September 2013, and recommendations completed by December 2013.	soundwide	DOH	LHJs		
C	5.1	Effectively manage and control pollution from on-site sewage systems.	2	<u>OSS Best Practices</u> . DOH will work with LHJs to identify successes and best practices, develop common performance standards, and recommend approaches to improve this work by December 2014.	Project design completed by December 2012, draft analysis completed by March 2014, and final analysis completed by June 2014. OSS inspection levels at 60 percent by December 2014 in designated areas.	soundwide	DOH	LHJs		
C	5.1	Effectively manage and control pollution from on-site sewage systems.	3	<u>OSS Nitrogen Treatment Technologies</u> . DOH will evaluate public domain OSS treatment technologies for nitrogen reduction and develop standards and guidance for their use if testing results indicate the technologies are effective and reliable. The evaluation will be completed by December 2014 and work on standards and guidance, if needed, will begin after that.	OSS installed and testing initiated by August 2012, evaluation of OSS technologies completed by June 2014, and plans for standards and guidance by December 2014.	soundwide	DOH			
C	5.1	Effectively manage and control pollution from on-site sewage systems.	4	<u>Centralized Treatment Outside UGAs</u> . Commerce, in partnership Ecology and DOH, will identify shoreline areas outside urban growth boundaries where residential densities are great enough that it may	By June 2013, Commerce, in consultation with Ecology and DOH, will produce draft criteria to identify shoreline areas outside urban growth	soundwide	Commerce	Ecology	DOH	

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STRATEGY	#	SUB-STRATEGY	NTA #	NTA	PERFORMANCE MEASURE	NTA TYPE	OWNER	SECONDARY OWNER	OWNER (3)	OWNER (4)
				be appropriate to extend centralized wastewater collection systems and that are in close enough proximity to centralized treatment that extension of infrastructure may be feasible. The goal of this effort is completion of design of the at a least one pilot project by 2014 and construction of a least one pilot project by 2016.	areas that may be appropriate to extend centralized wastewater collection systems. By Nov. 2013, areas meeting those criteria will be mapped and analyzed for suitability pilot projects. By July, 2014 design for at least one pilot project will be completed. Construction for at least one pilot project will be completed by September 2016.					
C	5.1	Effectively manage and control pollution from on-site sewage systems.	SJI 4	<u>San Juan County OSS Program</u> . San Juan County Health and Community Services will fully implement the On-site Sewage System (OSS) Operation and Maintenance Program Plan.	100% of systems in sensitive areas in compliance and current with inspections by 2014 and 60% of alternative systems county-wide to have inspections between 2010-2014.	local	SJC			
C	5.1	Effectively manage and control pollution from on-site sewage systems.	WS 7	<u>West Sound OSS repairs</u> . Kitsap Public Health will report on the number of OSS failures repaired using funds from the Craft3 septic loan program by December 2013	Number of OSS failures repaired using funds from the Craft3 septic loan program by December 2013	local	Kitsap County			
C	5.2	Effectively manage and control pollution from large on-site sewage systems.	WS 6	<u>West Sound Sewer Feasibility</u> . Kitsap Public Health together with the municipality will conduct sewer infrastructure feasibility study for sewers in areas such as Ostrich and Phinney Bay by December 2013.	Sewer infrastructure feasibility study conducted by December 2013.	local	Kitsap County			
C	5.3	Improve and expand funding for on-site sewage systems and local OSS programs.	1	<u>Regional OSS Homeowner Loan Program</u> . DOH, Ecology, and PSP will help evaluate options and support proposals to fund a unified, self-sustaining, low-interest loan program in the Puget Sound region to help OSS owners repair and replace their systems by June 2014.	Project design completed by August 2012, draft analysis of issues and proposed actions completed by March 2014, and final analysis completed by June 2014.	soundwide	DOH	PSP	Ecology	
C	5.3	Improve and expand funding for on-site sewage systems and local OSS programs.	2	<u>Regional OSS Program Funding Source</u> . DOH will evaluate approaches and mechanisms (e.g., a regional flush tax or sewer surcharge) to establish a regional funding source for local OSS management plans and programs by June 2014. DOH will evaluate approaches and mechanisms (e.g., a regional flush tax or sewer surcharge) to establish a regional funding source for local OSS programs by June 2014.	Project design completed by August 2012, draft analysis of issues and proposed actions completed by March 2014, and final analysis completed by June 2014.	soundwide	DOH			
C	5.3	Improve and expand funding for on-site sewage systems and local OSS programs.	3	<u>Funding Mechanism for Local OSS Programs</u> . DOH will work to authorize local boards of health to contract with county treasurers to collect fees via property tax statements to implement local OSS plans and programs by June 2012.	Bill introduced and legislation passed and signed by June 2012.	soundwide	DOH			
C	6.1	Reduce the concentrations of contaminant sources of pollution conveyed to wastewater treatment plants through education and appropriate regulations, including improving pre-treatment requirements.		No near-term actions. Work is focused on implementation of ongoing programs.						
C	6.2	Reduce pollution loading to Puget Sound	1	<u>Integrated Municipal Stormwater and Wastewater Plans</u> . PSP, in collaboration with Ecology, will convene a group to make	By December 2012, conduct at least one initial meeting to scope work plan; By March 2013, a	soundwide	PSP	Ecology		

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STRATEGY	#	SUB-STRATEGY	NTA #	NTA	PERFORMANCE MEASURE	NTA TYPE	OWNER	SECONDARY OWNER	OWNER (3)	OWNER (4)
		by preventing and reducing combined sewer overflows.		recommendations about use of integrated municipal stormwater and wastewater plans to meet Clean Water Act water quality objectives. This effort will recognize the use of integrated approaches as a way to prioritize allocation of resources to achieve the greatest environmental benefit, at the earliest time, consistent with meeting Clean Water Act obligations and applicable state laws, through appropriate sequencing of work.	work Plan approved by key partners; By December 2013, recommendations for integrated stormwater and wastewater planning and implementation made to the Leadership Council. These dates are dependent on conclusions of current 2012 negotiations. If those negotiations are still in progress by September 2012, PSP will work with the Leadership Council to set new performance milestone dates.					
C	6.3	Implement priority upgrades of municipal and industrial wastewater facilities.		No near-term actions. Work is focused on implementation of ongoing programs.						
C	6.4	Ensure all centralized wastewater treatment plants meet discharge permit limits through compliance monitoring, technical assistance, and enforcement where needed.	1	<u>Water Quality Standards Update</u> . Ecology has initiated rule making to amend the Water Quality Standards to update and develop predictable regulatory compliance tools that address short and long-term source control programs. The proposed changes will provide predictable regulatory tools to help entities comply with existing and new source control requirements or discharge limits. The changes will allow compliance with requirements while they effectively work toward meeting permit limits and control sources of pollutants.	Rule Initiation: October 25, 2011 Rule Adopted: June 30, 2013	soundwide	Ecology			
C	6.5	Promote appropriate reclaimed water projects to reduce pollutant loading to Puget Sound.		No near-term actions. Work is focused on implementation of ongoing programs.						
C	7.1	Improve water quality to prevent downgrade and achieve upgrades of important current tribal, commercial and recreational shellfish harvesting areas.	1	<u>Shellfish Best Practices Library</u> . DOH will work with the Partnership, Ecology, the Conservation Commission, and Conservation Districts and local governments to create a best practices library or menu highlighting successful locally-driven efforts to assist in the development of shellfish protection districts, shellfish protection programs, and shellfish growing area restoration activities, such as the Henderson Inlet, Oakland Bay, and Samish Bay efforts.	By June 2013, complete survey of partners to identify practices used to identify and correct nonpoint pollution problems that impact shellfish growing areas (subject areas include on-site sewage systems, agricultural practices, stormwater, outreach and education monitoring). Develop best practices library by December 2013.	soundwide	DOH	PSP	Ecology	WSSC
C	7.1	Improve water quality to prevent downgrade and achieve upgrades of important current tribal, commercial and recreational shellfish harvesting areas.	2	<u>Annual evaluation of shellfish restoration efforts</u> . The Partnership will convene an annual meeting of the Departments of Health, Ecology, Agriculture, Conservation Commission and EPA to evaluate restoration efforts in shellfish growing areas in Puget sound and report the results to the region.	Net increase of 2700 acres of harvestable shellfish beds, of which 1750 should be from beds presently classified as prohibited	soundwide	PSP	DOH	WSDA	EPA
C	7.1	Improve water quality to prevent downgrade and achieve upgrades of important current tribal, commercial and recreational shellfish	3	<u>Pollution Control Action Team</u> . Ecology, working with DOH, WSDA, EPA and the Tribes will form a Pollution Control Action Team (PCAT) to respond quickly when <u>areas are identified where</u> water quality problems threaten shellfish areas <u>are identified</u> . They will initiate community outreach and education, pollution identification, inspection, technical assistance to local agencies and landowners	Reduce fecal coliform loading in each priority area to upgrade the status of closed areas and prevent further degradation for those with a negative trend	soundwide	Ecology	DOH	WSDA	EPA

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STRATEGY	#	SUB-STRATEGY	NTA #	NTA	PERFORMANCE MEASURE	NTA TYPE	OWNER	SECONDARY OWNER	OWNER (3)	OWNER (4)
		harvesting areas.		and finally, enforcement. The team will focus its work in priority areas and support PIC programs where they are established. The first effort will be in Drayton Harbor and Portage Bay.						
C	7.2	Restore and enhance native shellfish populations.	WS 13	<u>West Sound Shellfish Gardening</u> . By April 2013, Kitsap Public Health, in partnership with the Puget Sound Restoration Fund, will expand a pilot shoreline owner shellfish gardening program to at least one additional site, as an outreach tool for water quality and shoreline issues. By December 2013, the program will be expanded to include two additional sites. Concurrently, Kitsap Public Health will report on the results and actions from PIC shoreline monitoring affecting shellfish growing areas, e.g. number of fecal sources identified and corrected.	Shellfish gardening pilot program expanded to one additional site by April 2013. By December, expand to two additional sites.	local	Kitsap County	Puget Sound Restoration Fund		
C	7.3	Ensure environmentally responsible shellfish aquaculture based on sound science.	1	<u>Aquaculture Shoreline Master Program Handbook</u> . Ecology will publish an aquaculture Shoreline Master Program Handbook section with special emphasis on geoduck aquaculture and finfish net pen operations, update its aquaculture web resources to make them more comprehensive, and provide direct assistance and training to local governments on the aquaculture handbook. When the final findings of the Sea Grant geoduck aquaculture research are available, Ecology will review them and other appropriate, vetted sound science, to determine if amendments to WAC 173-26 are warranted.	Handbook complete or not; number of local governments reached through training and technical assistance	soundwide	Ecology			
C	7.3	Ensure environmentally responsible shellfish aquaculture based on sound science.	2	<u>Areas Suitable for Future Shellfish Aquaculture</u> . Ecology will coordinate with interested local governments, DNR, and stakeholders to support pre-planning and implementation of marine spatial planning and local shoreline master program updates by: gathering, compiling an ground-truthing baseline information on current aquaculture and filling data gaps and completing research to identify areas that are suitable and unsuitable for future shellfish aquaculture. Ecology will support marine spatial planning related to aquaculture by coordinating with interested local governments, DNT, and stakeholders on gathering, compiling and ground-truthing baseline information on current aquaculture and filling data gaps.	Mapping completed	soundwide	Ecology			
C	7.3	Ensure environmentally responsible shellfish aquaculture based on sound science.	3	<u>Shellfish Model Permitting Program</u> . The <u>Department of Ecology will work with the</u> Governor's Office of Regulatory Assistance (ORA) <u>to will</u> lead and facilitate a state team to develop and implement a Model Permitting Program that ensures early and continued coordination among state and federal agencies, tribes and local governments for permitting and licensing of shellfish aquaculture.	By June 2012, sign operation agreement; by September 2012, identify pilots; by November 2012, establish pilot project timelines	soundwide	ORA Ecology	ORA		
C	7.3	Ensure environmentally responsible shellfish aquaculture based on sound science.	4	<u>Nitrogen Control Pilots Using Shellfish</u> . DNR will work with Ecology, the shellfish industry and researchers to create pilot projects testing the use of mussel culture or other suspended or beach culture to help address nitrogen pollution in sensitive areas, such as Quartermaster Harbor.	Two pilot projects initiated by January 2015	soundwide	DNR	Ecology		
C	7.4	Enhance the publics' connection to shellfish and increase recreational harvest	1	<u>Shellfish Interpretive Programs and Events</u> . By June 2014, State Parks, in collaboration with other public, tribal and private interests, will conduct shellfish interpretive programs and events to help forge personal connections between clean, productive Puget	By December 2012, develop interpretive concepts and action plans with partners, and identify up to three pilot program locations. By October 2013, implement and evaluate pilot	soundwide	State Parks			

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STRATEGY	#	SUB-STRATEGY	NTA #	NTA	PERFORMANCE MEASURE	NTA TYPE	OWNER	SECONDARY OWNER	OWNER (3)	OWNER (4)
		opportunities.		Sound waters, the shellfish we eat, and the iconic role shellfish occupy in Washington's cultural and culinary identity.	shellfish interpretive programs and events at selected State Parks. By June 2014, expand programs to additional Parks, incorporating evaluation results from pilot programs.					
C	7.4	Enhance the public's connection to shellfish and increase recreational harvest opportunities.	2	<u>Shellfish Messages, Events, and Materials</u> . Washington Sea Grant will partner with state and federal agencies on a planning process to develop shellfish-related messages, publicize events, and develop materials.	By September 2012, planning process is convened. Additional measures will be set in the future.	soundwide	SeaGrant			
C	7.5	Answer key shellfish safety research questions and fill information gaps.	1	<u>Point Source Dilution Analyses Modeling</u> . The Departments of Ecology and Health will work cooperatively under an existing EPA grant to evaluate use of Ecology environmental models for point source dilution analyses in Health's commercial shellfish area classification program.	Complete modeling study by June 2014.	soundwide	Ecology	DOH		
C	7.5	Answer key shellfish safety research questions and fill information gaps.	2	<u>Expand Biotoxin Monitoring</u> . Expand biotoxin monitoring to address the marine toxin causing "Diarrhetic Shellfish Poisoning" (DSP). This involves including DSP into our Marine Biotoxin Monitoring Program. In addition, we must purchase and install special testing equipment to analyze shellfish extracts for this and other biotoxins. The instrument will also be used to develop alternate detection methods for Paralytic Shellfish Poisons (PSP) that eliminates the sacrifice of live test animals.	Purchase equipment and initiate monitoring by June 2012. Include DSP monitoring into the Marine Biotoxin Monitoring Program by June 2013.	soundwide	DOH			
C	7.5	Answer key shellfish safety research questions and fill information gaps.	3	<u>Water Quality and Seasonal Harvest Restrictions</u> . DOH, in cooperation with NOAA's Northwest Fisheries Science Center, will conduct water quality studies of selected shellfish "wet storage" areas in Puget Sound to better correlate environmental conditions with potential causes of illness that seasonally restricts harvest.	Complete field studies to calibrate model by December 2013. Complete final model simulation report by June 2014.	soundwide	DOH	NOAA		
	7.5	Answer key shellfish safety research questions and fill information gaps.	4	<u>Ocean Acidification Blue Ribbon Panel</u> . Ecology, as part of the Washington Shellfish Initiative, will manage the Governor appointed Blue Ribbon Panel on Ocean Acidification to develop clear, actionable recommendations on understanding, monitoring, adapting and mitigation ocean acidification in Puget sound and Washington waters.	By March 2012 convene the panel; by October 2012, submit recommendations	soundwide	Ecology			
C	8.1	Prevent and reduce the risk of oil spills.	1	<u>Traffic and Incident Trends</u> . Ecology will assess trends in ship traffic, vessel incidents and incident notifications for use in targeting inspections and setting standards.	Ecology presents concise report to the Cross PSP Oil Spill Work Group by July 2013	soundwide	Ecology			
C	8.1	Prevent and reduce the risk of oil spills.	2	<u>Evaluate Risk Assessments for Update Needs</u> . Ecology will evaluate existing Puget Sound marine transportation oil spill risk assessments, identify any gaps in marine safety and work with experts to develop and apply appropriate risk reduction measures.	Gaps identified by Ecology, PSP, technical consultant and/or Cross Partnership Oil Spill Work Group.	soundwide	Ecology			
C	8.1	Prevent and reduce the risk of oil spills.	SJI 1	<u>SJI Marine Manager Workshop</u> . San Juan Marine Resources Committee will convene 20 agencies and non-governmental organizations responsible for oil spill prevention and readiness at the 2012 Marine Manager Workshop, including participation from the local, state, federal, and Canadian organizations. Workshop outcomes will include a list of agreed upon recommendations for oil spill prevention.	Local jurisdictions will consider adopting highest priority recommendations within their authority by 2014.	local	SJMRC			
C	8.2	Strengthen and	STRT 2	<u>Straits Spill Prevention, Preparedness, and Response</u> . Implement	In sequence: (a) Ensure 1+ CANUSPAC exercise	local	Strait ERN			

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STRATEGY	#	SUB-STRATEGY	NTA #	NTA	PERFORMANCE MEASURE	NTA TYPE	OWNER	SECONDARY OWNER	OWNER (3)	OWNER (4)
		integrate spill response readiness of the state, tribes, and local government.		and promote improvements in oil spill prevention, preparedness, and response programs and capabilities for the benefit of the Strait of Juan de Fuca and adjacent waters a. Improve transboundary coordination on oil spills b. Establish Vessel of Opportunity Program in Neah Bay c. Expand oil spill drills along Strait of Juan de Fuca and Coast	is conducted and incorporates transboundary movement of personnel and/or equipment; (b) Vessel of Opportunity established in Neah Bay by July 2014 or referenced in contingency plans approved by April 2014; (c) Strait ERN participates in worst case or deployment drill planning process					
C	8.3	Respond to spills and seek restoration using the best available science and technology.	1	<u>WAC 173-182 Revision to Achieve Protection from Spills</u> . Revise WAC 173-182 to conform with HB1186 from the 2011 session, requiring the best achievable protection from the impacts of oil spills.	Complete rulemaking by Dec 2012.	soundwide	Ecology			
C	8.3	Respond to spills and seek restoration using the best available science and technology.	SJI 2	<u>Island Oil Spill Association Spill Readiness and Response</u> . Islands Oil Spill Association (IOSA) will maintain local oil spill readiness and response programs through 2014. Identify remaining local response needs at the 2012 Marine Managers Workshop and consider these, along with a funding and action plan, as part of the workshop recommendations	To be determined	local	IOSA			
C	8.3	Respond to spills and seek restoration using the best available science and technology.	3	<u>Increase Natural Resource Damage Assessment Values</u> . Revise WAC 173-183 to conform with HB1186 from the 2011 session, requiring Natural Resource Damage Assessment values be increased.	Complete rulemaking by Dec 2012.	soundwide	Ecology			
C	8.3	Respond to spills and seek restoration using the best available science and technology.	4	<u>Identify Species and Locations at Risk in Spills</u> . WDFW will establish planning efforts for coordinated, scientific collection of ephemeral data by local and regional entities for key species and locations at risk in oil spills to enhance response and NRDAR.	Number of ephemeral data plans developed for areas or facilities in high risk locations. Relevant training or preparation completed once the plan is in place.	soundwide	DFW	Ecology		
C	9.1	Complete Total Maximum Daily Load (TMDL) studies and other necessary water cleanup plans for Puget Sound to set pollution discharge limits and determine response strategies to address water quality impairments.		No near-term actions. Work is focused on implementation of ongoing programs.						
C	9.2	Clean up contaminated sites within and near Puget Sound.		No near-term actions. Work is focused on implementation of ongoing programs.						
C	9.3	Restore and protect water quality at swimming beaches and recreational areas.	1	<u>Freshwater Swimming Beach Program</u> . By 2014, Ecology and DOH will develop a proposal to coordinate a monitoring and notification freshwater swimming beach program for the Puget Sound region.	To be determined	soundwide	Ecology	DOH		
C	9.3	Restore and protect water quality at swimming beaches and recreational areas.	2	<u>Correct Pollution Problems at Marine Beaches</u> . Ecology and DOH will develop a plan to conduct pollution source surveys and correct pollution problems at marine beaches used for swimming, surfing, diving and other recreational uses. Ecology and DOH will coordinate with local, state and tribal programs that address point source and	A priority list will be developed and 10 shoreline surveys completed by June 30, 2013 and 10 additional shoreline surveys completed by June 30, 2014	soundwide	Ecology	DOH		

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STRATEGY	#	SUB-STRATEGY	NTA #	NTA	PERFORMANCE MEASURE	NTA TYPE	OWNER	SECONDARY OWNER	OWNER (3)	OWNER (4)
				nonpoint source pollution to assure that activities are not duplicative						
C	9.4	Develop and implement local and tribal pollution identification and correction programs.	1	<u>Pollution Identification and Correction Programs</u> . DOH and Ecology, in collaboration with EPA and counties, will create sustainable pollution identification and correction programs (PIC) that are designed to improve and protect water quality.	Award PIC funds and distribute Agricultural BMP funds to at least six(6) Puget Sound counties by July 2012. Metric for each program will be individually set to reflect targets for numbers of BMPs implemented and maintained and systems repaired to address water quality	soundwide	DOH	Ecology	EPA	
C	9.4	Develop and implement local and tribal pollution identification and correction programs.	HC 3	<u>Hood Canal PIC Program</u> . By April 2014, HCCC will complete Phase I of a regional Hood Canal Pollution Identification and Correction program to determine the needs for a comprehensive regional program <u>and advance funding proposal(s) for implementation</u> .	April 2014, complete Phase 1. Results of this Phase I approach will allow development and implement of the regional program during Phase II slated for 2014 and beyond.	local	HCCC			
C	9.4	Develop and implement local and tribal pollution identification and correction programs.	WS 8	<u>West Sound Septic System Repairs Using PIC</u> . Kitsap Public Health will report on the number of failing septic systems identified using PIC methodology, the number repaired and associated improvements in water quality by December 2013.	Number of failing septic systems identified using PIC methodology, the number repaired and associated improvements in water quality by December 2013	local	Kitsap County			
D	1.1	Provide backbone support for the recovery effort and management conference.		No near-term actions. Work is focused on implementation of ongoing programs.						
D	1.2	Maintain and update the Action Agenda as the shared recovery plan.	1	<u>Establish Interim Milestones for Targets</u> . PSP will lead a collaborative effort to establish interim milestones for all 19 ecosystem recovery targets that describe expected results for incremental progress toward the adopted targets or for key steps in the critical path. In 2012 and 2013 PSP staff and boards will engage partners to establish milestones that parties agree will inspire meaningful contributions to ecosystem recovery and can be used to evaluate progress toward the 2020 ecosystem recovery targets.	In August 2012, identify how many interim milestones to set and by when. Milestones established by Puget Sound Leadership Council resolutions at meetings in August, October, and December 2012 and at meetings (not yet scheduled) in 2013. Targets: PSP initiates interim milestone review process (August 2012), 25% complete by December 2012 50% complete by April 2013, 75% complete by June 2013 and 100% complete by August 2013	soundwide	PSP			
D	1.2	Maintain and update the Action Agenda as the shared recovery plan.	2	<u>RCW 90.71.370(4)(b) Program Review</u> . Consistent with RCW 90.71.370 (4), the Partnership, in consultation with appropriate state and local agencies, will review programs (identified in RCW 90.71.370(4)(b)) that fund activities that contribute to Action Agenda implementation. The Partnership will make recommendations to the Governor and Legislature regarding program changes, including proposed legislation to implement the recommendation. The scope of review will include: evaluating types of projects and funding levels, contribution of the program to meeting Vital Sign targets, funding criteria that emphasizes Action Agenda priorities in decision-making, and assessment of ways to make programs and funding approaches more strategic in implementing the Action Agenda. The report to Governor and Legislature completed by June 2014.	Leadership Council initiates review (August 2012), ECB develops comprehensive strategy (December 2012), ECB identifies cost effectiveness pilot programs (March 2013), Leadership Council 2 nd annual review (June 2013), ECB receives draft pilot program study results (September 2013), Leadership Council receives draft report (January 2013), Report to Governor and legislature (June 2014)	soundwide	PSP			
D	2.1	Advance the coordination of local recovery actions via local integrating	HC 1	<u>HCCC Integrated Watershed Management Plan</u> . In coordination with a number of partners, HCCC will complete its Integrated Watershed Management Plan (IWMP) by June 30, 2013. Based on critical, high priority strategies and actions identified in the IWMP,	Plan complete by June 30, 2013. Based on critical, high priority strategies and actions identified in the IWMP, HCCC will develop Local Near Term Actions for incorporation into the	local	HCCC			

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STRATEGY	#	SUB-STRATEGY	NTA #	NTA	PERFORMANCE MEASURE	NTA TYPE	OWNER	SECONDARY OWNER	OWNER (3)	OWNER (4)
		organizations.		HCCC will develop Local Near Term Actions for incorporation into the Action Agenda.	Action Agenda					
D	2.1	Advance the coordination of local recovery actions via local integrating organizations.	HC 5	<u>HCCC Climate Change Symposium</u> . By June 30, 2013, HCCC will convene a climate change symposium to identify unique vulnerabilities and potential adaptation strategies for the Hood Canal Action Area. Based on results of this symposium, HCCC will identify high priority adaptation strategies.	Convene symposium by June 2013. Based on results of this symposium, HCCC will identify high priority adaptation strategies.	local	HCCC			
D	3.1	Work collaboratively to track and report on implementation performance.	1	<u>Web Application for Puget Sound Progress</u> . PSP will launch a web-based application that provides public access to information on Puget Sound-wide progress in implementing the Action Agenda, including relevant budgeting and performance measures for each near-term action.	<ul style="list-style-type: none"> • Launch tool for accessing data on projects receiving state funding (April 2012); • Train state agency staff responsible for reporting on the use of the application (June 2012) • Launch tool for accessing data tracking progress in implementing NTAs (July 2012). 	soundwide	PSP			
D	3.2	Work collaboratively to report on recovery progress.	1	<u>Best Practices Forums</u> . PSP, in collaboration with Washington Sea Grant and the Local Integrating Organizations, will convene semi-annual forums involving local practitioners, stewardship groups and local project managers to share best practices on project implementation, monitoring and performance measurement. The first of the forums will begin by December 2012. Subsequent forums will provide an opportunity to share standardized monitoring techniques and protocols as well as other topics identified by participants that would assist them in implementing and evaluating projects.	<ul style="list-style-type: none"> • Convene semi-annual forums (March 2013; September 2013, March 2014, September 2014) • Add participants to the base of practitioners by 20% year on year. 	soundwide	PSP			
D	4.1	Oversee strategic planning for Puget Sound recovery science.	1	<u>Adaptive Framework and Cycle</u> . Develop the PSP adaptive management framework and technical tools to assist in the steps of the adaptive management cycle.	By December 2012, publish technical memorandum describing PSP's adaptive management framework; By December 2012, publish technical memorandum describing methods of assessing pressures on the Puget Sound ecosystem	soundwide	PSP			
D	4.2	Implement a coordinated, integrated ecosystem monitoring program.		No near-term actions. Work is focused on implementation of ongoing programs.						
D	5.1	Prioritize targeted stewardship issues, actions and audiences based on (1) problem severity, (2) problem frequency, (3) availability of and confidence in science (natural and social) behind the problem, and (4) ability to influence change.		No near-term actions. Work is focused on implementation of ongoing programs.						
D	5.2	Collaboratively develop and promote science-based targeted		<u>Strategic Social Marketing Frameworks</u> . PSP works with partners to develop strategic social marketing frameworks to support soundwide behavior change initiatives by conducting, synthesizing	Formative research on at least two practices is underway by June 2012; research on at least eight practices complete by December 2013.	soundwide	PSP			

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STRATEGY	#	SUB-STRATEGY	NTA #	NTA	PERFORMANCE MEASURE	NTA TYPE	OWNER	SECONDARY OWNER	OWNER (3)	OWNER (4)
		communications and behavior change strategies across the region.		and disseminating formative research relative to the adoption of specific priority practices.	Social marketing framework guidance on two BMPs disseminated to partners by December 2012; on all eight by June 2014.					
D	5.3	Enable and encourage residents to take informed stewardship actions addressing infiltration, pollution reduction, habitat improvement, forest cover, soil development, critical areas, reductions in shoreline armoring, and specific actions identified in sub-strategy D5.1.		<u>BMPs for Stewardship and Tree Planting</u> . In 2012, PSP and partners analyze two priority BMPs as early-action initiatives: (1) “weed and feed”-bundled product <u>residential pesticide</u> reduction/elimination, and (2) tree planting, canopy cover and soil health, as identified in STORM’s Tier 2 BMPs. If warranted, regional behavior change strategies would be developed and launched for implementation with local partners.	1) Formative research on weed and feed <u>residential pesticides</u> is completed by August 2012. If initiative is warranted, pilot program would be launched by December 2012 and evaluation will be underway by April 2013. 2) Formative research on tree planting, canopy cover, and soil health is completed by December 2012; Program strategy developed by March 2013; Grants and contracts to fund work issued by June 2013; evaluation underway by December 2013.	soundwide	PSP			
D	5.4	Improve effectiveness of local and regional awareness-building and behavior change programs through vetted messages, proven strategies and outcome-based evaluation. Guide partners in use of formative research and diffusion of priority BMPs.		No near-term actions. Work is focused on implementation of ongoing programs.						
D	5.5	Enhance resources to sustain and expand effective behavior change and volunteer programs that support Action Agenda priorities and that have demonstrated, measurable outcomes.		No near-term actions. Work is focused on implementation of ongoing programs.						
D	5.6	Create a repository of market, social, and audience research to support stewardship work. Include research and data from local, state, and federal governments, nonprofit, and private sector sources.		No near-term actions. Work is focused on implementation of ongoing programs.						

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STRATEGY	#	SUB-STRATEGY	NTA #	NTA	PERFORMANCE MEASURE	NTA TYPE	OWNER	SECONDARY OWNER	OWNER (3)	OWNER (4)
		Synthesize and disseminate to partners.								
D	5.7	Review practices and issues that require solutions beyond the Puget Sound region such as automotive, manufacturing and distribution of toxins, and pharmaceutical waste management. Develop strategies and partnerships outside the Puget Sound region to address issues.		No near-term actions. Work is focused on implementation of ongoing programs.						
D	6.1	Implement a long-term, highly visible, coordinated public-awareness effort using the Puget Sound Starts Here brand to increase public understanding of Puget Sound's health, status, and threats. Conduct regionally-scaled communications to provide a foundation for local communications efforts. Conduct locally-scaled communications to engage residents in local issues and recovery efforts.	1	<u>Phase 2 of Puget Sound Starts Here</u> . PSP and partners implement Phase 2 of <i>Puget Sound Starts Here</i> campaign. PSP, STORM and Ecology ensure that messages reflect the demography, regional identity and issues facing the Puget Sound.	Mass media content developed by November 2012; Web and social media developed and launched by October 2012; Television media launched by May 2013. Campaign achieves 50% brand awareness among Puget Sound's 4.5 million residents by July 2015.	soundwide	PSP			
D	6.2	Incorporate and expand Puget Sound related content in diverse delivery settings (e.g., recreation, education institutions, local government, neighborhood and community groups, nonprofit organizations, businesses). Connect residents with public engagement and volunteer programs.		No near-term actions. Work is focused on implementation of ongoing programs.						
D	6.3	Incorporate Puget Sound place-based	1	<u>K-12 Curricula</u> . Pacific Education Institute integrates Puget Sound into the K-12 curricula of at least 20 school districts by working with	Schools are connected with community resources so that over half of the school	soundwide	Pacific Education			

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STRATEGY	#	SUB-STRATEGY	NTA #	NTA	PERFORMANCE MEASURE	NTA TYPE	OWNER	SECONDARY OWNER	OWNER (3)	OWNER (4)
		content into K-12 curricula throughout the Puget Sound region. Connect schools with technical assistance, inquiry-based learning opportunities, and community resources. Implement student service projects connected to ecosystem recovery. Link schools to organizations with structured volunteer opportunities.		curriculum directors and school leaders.	districts in Puget Sound have place-based education programs by 2014		Institute			
D	6.4	Foster a long-term sense of place among Puget Sound residents. Encourage direct experiences with Puget Sound's aquatic and terrestrial resources through recreation, informal learning, and public access sites.		No near-term actions. Work is focused on implementation of ongoing programs.						
D	6.5	Build awareness of stewardship-building efforts among elected officials, executive staff, funders, resource managers, and others with resource allocation ability. Emphasize program roles, needs, relationship with other Action Agenda strategies and program outcomes.		No near-term actions. Work is focused on implementation of ongoing programs.						
D	7.1	Apply appropriate social science to Puget Sound recovery to increase clarity and effectiveness of targeted actions, audiences, opportunities, strategies, and evaluation metrics.		No near-term actions. Work is focused on implementation of ongoing programs.						
D	7.2	Build capacity among partner organizations to advance priority	1	<u>Behavior Change Program Guidance</u> . PSP provides uniform guidance for partners conducting behavior change programs to (1) enhance priority practices, (2) ensure that programs intended to	Guidance and policies for Model Stewardship Program Grants developed by September 2012; Non-grant guidance for partners developed by	soundwide	PSP			

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STRATEGY	#	SUB-STRATEGY	NTA #	NTA	PERFORMANCE MEASURE	NTA TYPE	OWNER	SECONDARY OWNER	OWNER (3)	OWNER (4)
		stewardship actions. Provide technical support and training to advance program effectiveness, evaluation, and support of Action Agenda priorities.		address these priority practices are based on proven methods, (3) incorporate the necessary formative research to help programs achieve desired outcomes, and (4) incorporate effective evaluation strategies.	December 2012					
D	7.3	Maintain centralized capacity to sustain and enhance the regional Puget Sound Starts Here campaign.		No near-term actions. Work is focused on implementation of ongoing programs.						
D	7.4	Provide public information conduits connecting individuals to local activities, resources and decision-making processes—including cost-share programs, technical assistance, volunteer experiences and ways to engage in civic structures and processes.	1	<u>Citizen Action Training School</u> . PSP and grantee(s) establish a Citizen Action Training School to 1) build awareness of Puget Sound issues and related governmental structures and processes, and 2) increase citizen participation in local, state and federal decision-making processes affecting Puget Sound, stressing civic structures and processes to enable residents to more fully engage with their communities on issues related to Puget Sound health.	Program launched by December 2012. <u>By July 2012, six iterations of the program completed; a minimum of 150 community leaders trained; 7,500 hours invested in resulting community projects; and written curricula on effective civic engagement disseminated for ECO Net member use.</u>	soundwide	PSP			
D	7.5	Enhance strategic networks and tools that support stewardship partners and outcomes; including ECO-Net, STORM, The Northwest Straits Initiative and Marine Resource Committees, tribes, municipalities not covered by stormwater permits, public agencies, funders, universities, NGOs and others.		No near-term actions. Work is focused on implementation of ongoing programs.						
D	7.6	Work regionally and locally to remove implementation barriers (e.g., physical, economic, regulatory, enforcement, policy), and enable and incentivize adoption of stewardship actions.		No near-term actions. Work is focused on implementation of ongoing programs.						

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STRATEGY	#	SUB-STRATEGY	NTA #	NTA	PERFORMANCE MEASURE	NTA TYPE	OWNER	SECONDARY OWNER	OWNER (3)	OWNER (4)
E	1.1	Maintain and enhance federal funding for implementation of Action Agenda priorities.	1	<u>Puget Sound Recovery Act Passage.</u> PSP to continue work with Washington, coastal and other key delegation staff to encourage passage of the Puget Sound Recovery Act by December 30, 2014.	If not passed during 112th session of Congress: By February 2013 meet with key Washington delegation members to ensure House and Senate champions have been secured for bill in the 113th session; Meet with House and Senate champions, pertinent committee members on a quarterly or more frequent basis, as needed, to provide information and gain updates on progress for passage: By March 2014 testify and provide information to Congress for committee hearings.	soundwide	PSP			
E	1.1	Maintain and enhance federal funding for implementation of Action Agenda priorities.	2	<u>Pacific Coast Salmon Recovery Funds.</u> PSP, in collaboration with the Salmon Recovery Council, will craft and lead outreach strategy to increase Pacific Coast Salmon Recovery Funds with goal of securing federal match towards goal of fully funding the Puget Sound Chinook Salmon Recovery plan at \$120M per year by December 2014.	By October 2012, hold 4 meetings and briefings with key decision-makers within federal government to influence federal FY13 appropriations and FY14 budget formulation to increase federal share towards meeting \$120M per year funding target. By October 2013, provide 4 briefings and in-state field visits with key decision-makers within the federal government to provide status of update to the Puget Sound Chinook Recovery Plan funding estimate and ways to incorporate into federal FY15 budget process.	soundwide	PSP	SRC		
E	1.2	Focus federal agency budgets and national programs on Action Agenda priorities.	1	<u>Farm Bill and Water Quality:</u> PSP will work with NRCS and Partners to identify and increase funding to Puget Sound through the Farm Bill to improve water pollution prevention efforts and habitat protection and restoration efforts in rural areas in this biennium. Partners will also develop a system to identify and track both the need and completed requests for these programs in the RCP PRISM database. PSP to work with NRCS and other partners to identify and increase funding to Puget Sound through the Farm Bill to improve water pollution prevention efforts and habitat protection and restoration efforts in rural areas by December 2012.	Meet with federal and state partners on a quarterly basis to direct Partner funds to strategic areas and collaborations; Follow up and facilitate if needed the efficient allocation of funds to the on-the-ground efforts of the agricultural community with a target to allocate funds in each calendar year. Specific funding levels will be identified by September 2012, and added to the performance measure. Meet with federal and state partners on a quarterly basis to direct NRCS funds to strategic initiative areas; Follow up and facilitate if needed the efficient allocation of funds to on the ground efforts of the agricultural community with a target to allocate NRCS funds by December 2012.	soundwide	PSP	NRCS		
E	1.2	Focus federal agency budgets and national programs on Action Agenda priorities.	2	<u>DOD Readiness and Environmental Protection.</u> PSP to convene at least three meetings with DOD installations by March 2013. These meetings will focus on strategic planning and outreach with public officials and local stakeholders in support of DOD (Navy base Kitsap and JBLM) and state, federal and NGO partners collaborating on habitat and funding needs with goals of expanding the Dept of Defense Readiness and Environmental Protection Initiative (REPI) within Puget Sound. The goal of this work is to protect and restore increased ecosystem function that are related to the ability of DOD entities to accomplish their missions, preserve native biodiversity and advance species recovery.	By August 2012 outreach materials will be crafted by PSP and USFWS that delineate timelines, priority actions for proactively addressing encroachment related to potential ESA listings and funding strategy for resourcing an Integrated Conservation Team to focus on species recovery while abating restrictions to JBLM and the South Sound's economic development. By July 2013 convene at least 3 meetings with Navy, agencies and NGO partners collaborating on Hood Canal to share criteria for each entity's decision-making, prioritize and	soundwide	PSP	DOD		

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STRATEGY	#	SUB-STRATEGY	NTA #	NTA	PERFORMANCE MEASURE	NTA TYPE	OWNER	SECONDARY OWNER	OWNER (3)	OWNER (4)
					align acquisition needs and document acquisition and funding strategies for REPI, matching funding and other sources.					
E	1.3	Maintain, enhance, and focus state funding for implementation of Action Agenda priorities.	1	<u>Stormwater Priorities</u> . PSP and Ecology work with partners to increase funding through Section 319(h) Nonpoint Source Grants, Clean Water State Revolving Fund, and Ecology Performance Partnership Grants to address stormwater priorities by April 2014.	By January 2014 use data from the Stormwater Needs Assessment and the ECB Funding committee to craft funding strategy and outreach materials to inform decision-makers about the priorities, amounts and types of state and federal government investments required to help share the burden of costs so that we can adequately address the scope of stormwater problems and meet related 2020 ecosystem recovery targets.	soundwide	PSP	Ecology	ECB	
E	1.3	Maintain, enhance, and focus state funding for implementation of Action Agenda priorities.	2	<u>Puget Sound Acquisition and Restoration Fund</u> . PSP, in collaboration with the Salmon Recovery Council and RCO, to craft and lead outreach strategy to renew and increase Washington state's Puget Sound Acquisition and Restoration Fund with goal of securing state match towards goal of fully funding the Puget Sound Chinook Salmon Recovery plan at \$120M per year by December 2014.	By October 2012 hold 4 meetings and briefings or field visits with key decision makers to educate them about Puget Sound acquisition and restoration opportunities and the funding levels needed to do the work.	soundwide	PSP	SRC	RCO	
E	1.3	Maintain, enhance, and focus state funding for implementation of Action Agenda priorities.	3	<u>State Funding</u> . PSP will work closely with state, local and private partners to pursue state legislation or other mechanisms to provide adequate funding for critical water quality and habitat protection and restoration programs through June 2014.	Proposal complete by August 2012 to be included in Governor's 2013–15 Biennial Budget request; Proposal enacted by Legislature in the 2013–15 Biennial Budget	soundwide	PSP			
E	1.4	Maintain and enhance local funding for implementation of Action Agenda priorities.	1	<u>Local Funding Mechanism</u> . PSP, working with the ECB funding committee, will lead the development of a legislative strategy by October 2012 to adopt a funding mechanism, which local governments around the Sound could elect to use to address Puget Sound recovery priorities.	PSP to convene a subcommittee of the ECB to form the coalition and develop a workplan that uses data on costs for Action Agenda implementation, funding gaps and will result in new proposals to fill funding gaps and efficiently use current financial resources. (October 2012); PSP, ECB and coalition members review funding needs for an integrated package of stormwater, habitat, and other water quality investments needed to carry out the Puget Sound recovery priorities and make recommendations regarding the establishment of additional funding mechanisms (consider scale, capacity of different mechanisms). Review and recommendations should build on research and recommendations from Central Puget Sound WRIAs regarding watershed-based funding mechanisms. The Executive Director of PSP should present recommendations to the Leadership Council in June 2012. (June 2012); Build support for and introduce any legislation recommended in June 2012 in the 2013 legislative session by November 2012	soundwide	PSP	ECB		
E	1.4	Maintain and enhance	2	<u>Rate Study of Special Purpose Districts</u> . PSP will conduct a rate	Report complete and submitted to the LC with	soundwide	PSP			

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STRATEGY	#	SUB-STRATEGY	NTA #	NTA	PERFORMANCE MEASURE	NTA TYPE	OWNER	SECONDARY OWNER	OWNER (3)	OWNER (4)
		local funding for implementation of Action Agenda priorities.		study of local special purpose districts to determine the relative amounts being raised by local governments to address recovery priorities compared to total potential that could be raised using existing funding mechanisms	recommendations by December 2012.					
E	1.5	Develop opportunities for private sector and philanthropic funding for implementation of Action Agenda priorities.	1	<u>Coordination with Philanthropic Community.</u> PSP will coordinate with the philanthropic community to encourage collaboration on implementation of highest priority actions in the Action Agenda by June 2014	Hold two meetings per year with major philanthropic donors through June 2014 to provide outreach about Puget Sound priorities and progress, philanthropic needs and roles of partners.	soundwide	PSP			
E	1.6	Develop and implement market-based mechanisms for implementation of priorities in the Action Agenda.	1	<u>Compensatory Mitigation Programs.</u> PSP to provide assistance, where necessary, on the development of in-lieu-fee (ILF) compensatory mitigation programs in Hood Canal, Pierce County and Thurston County. HCCC is working with partners in this process and will be in position to implement high priority actions from the ILF for 2013 and beyond. <u>PSP will work with HCCC to track implementation progress and achievement of outcomes.</u>	For Hood Canal program, consult at least semimonthly with Navy and key federal and state agencies to provide assistance and guidance to advance goal of directing funding towards Hood Canal's habitat priorities while maintaining project timelines: US Navy and other partners, <u>and</u> HCCC will complete the In Lieu Fee (ILF) Mitigation Program by June 30, 2012. <u>The goal will be to provide a minimum of \$7 million in fees with a minimum ratio for replacement of habitat with equivalent habitat functioning of 3 to 1 for fresh and marine water habitat.</u> Pierce County, and Thurston County programs adopted by December 30, 2012.	soundwide	PSP	US Navy	HCCC	

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